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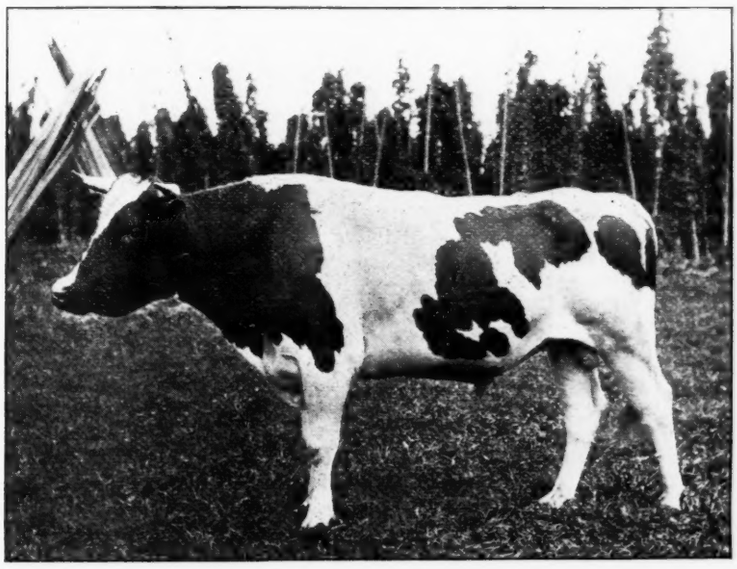
HOLSTEIN-FRIESIAN WORLD

VOL. III. ITHACA, NEW YORK, MAY 1, 1906. No. 9.



BERYL WAYNE DEKOL PAUL

SIRE: Pauline Paul 2d's Count, 18 A. R. O. Daughters.
DAM: Beryl Wayne, 27.81 lbs. butter in 7 days.

At head of herd owned by H. H. Wickwire, Hubbardsville, N. Y.

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Bull Calf Born Dec. 17, 1905

- De Kol 2d's Butter Boy 3d
  - Manor DeKol
    - DeKol 2d's Netherland
    - Netherland Hengerveld
  - DeKol 2d
- Aaggie Pauline Abbekerk
  - Hartog Paulnie DeKol Count
    - Pauline Paul 2d's Count
    - May Hartog Pauline DeKol
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Holstein-Friesian World.

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Advanced Registry and Official Testing in charge of the Superintendent as above.

The Study Table.

A Study of Poverty.

In 1903 a great sociological society was formed in England,—the most important society of the kind among English-speaking people, and probably in the world. The first volume of its proceedings has recently been published by Macmillan Company, New York. The scope and aims of this organization covers the whole phenomena of social relations—"scientific, educational, practical; it seeks to promote investigation, and to advance education in the social sciences in their various aspects and applications." It proposes to afford "common ground on which workers from all fields and schools may profitably meet—geographer and naturalist, anthropologist and archæologist, historian and philologist, psychologist and moralist, all contributing their share towards a fuller Social Philosophy." Viewed from the standpoint of the writer, this society promises more for the elevation of the human race than any other movement since the organization of the Christian church—the little band of disciples that held all things in common.

Its president is Hon. James Brice, M. P., author of the American Commonwealth. Its secretary is V. V. Bradford, an eminent scholar. Thirty distinguished scientists form a council to direct its investigations. Authors of the following works are among the members of this council: Economics of Distribution by J. A. Hobson; Evolution of Modern Capitalism, by the same author; Social Evolution, by Benjamin Kidd; Principles of Western Civilization, by the same author; Mankind in the Making, by H. G. Wells; the Cycle of Life According to Modern Science, by C. W. Saleeby; Annals of Politics and Culture, by G. P. Gooch; A Short History of Citizenship, by H. Osman Newland; Epidemics, &c., by Rollo Russell; History of Human Marriage, by E. Westermark; The Village Community, by G. L. Gomme; Educated Working Women, by Miss C. E. Collet. I mention these works and their authors to show the unequalled character of this organization and the great promise it holds out to those who look for a higher and better civilization. Its activity is shown by four meetings held in 1904 and the large number of papers and other communications read at these meetings. All are issued under the title, Sociological Papers.

One of these papers, written by Mr. Harold H. Mann, "Life in an Agricultural Village," must be of interest not only to the farmers and agricultural laborers of England, but also of America. It occupies thirty of the very large pages of this volume. I propose to review it, although I realize how imperfectly this may be done in the space allotted to me.

The village of Ridgmont, in Bedfordshire county, is selected as a typical village of the agricultural distircts of England. The existing conditions of this village were personally investigated by Mr. Mann and his associates. The first step in the investigation was to ascertain the minimum cost of food, sold at retail, to maintain an agricultural laborer, man or woman, in normal efficiency. This was found to be 71½ cents per week. The calculations were based on the prices of the following articles: Flour, per lb., 3 cents; oatmeal, 4 cents; suet, 6 cents; bacon, [illegible] cents; cheese, 14 cents; butter, 24 to 31 cents; biscuits, 8 cents; sugar, 3 cents; cocoa, 24 cents; coffee, 24 cents; tea, 32 cents; potatoes, 1 cent; onions, 1 to 2 cents; currants, 6 cents; lard, 12 cents; margarine, 12 cents; treacle, 6 cents; new milk, per pint, 3 cents; skim or separated milk, 1 cent.

It was found that it cost to maintain a boy or girl in physical efficiency, over 16 years old, the same as an adult. To maintain a child from 8 to 16 in health and vigor, 53½ cents per week. The next step in the investigation was to ascertain the cost of the necessary clothes of a family of agricultural laborers, and sundries—fuel, light, soap, furniture, crockery and similar articles necessary for such a family. Fuel was estimated at 24 cents per week in consideration of the fact that wood, brush, thorn, etc., could be picked up at some seasons of the year. Another step was to ascertain the necessary rent of a cottage in the village. Some of these cottages were pronounced "wrteched structures." No new ones had been built for many years. The general average paid for a cottage of four or five rooms was 35½ cents per week.

	Family Food.	*Rent.*	*Clothes and Sundries.*	*Total*
Man or woman—per week:	$0.71.5	$0.24	$0.395	$1.35

Man and woman—

1.43	0.355	0.555	2.34

Man, woman and 1 child—

1.97	0.355	0.685	3.01

Man, woman and 2 children—

2.50	0.355	0.83	3.685

Man, woman and 3 children—

3.03	0.355	0.98	4.365

Man, woman and 4 children—

3.57	0.355	1.11	5.035

Man, woman and 5 children—

4.11	0.355	1.25	5.715

Man, woman and 6 children—

4.64	0.355	1.39	6.385

Man, woman and 7 children—

5.18	0.475	1.53	7.185

Man, woman and 8 children—

5.71	0.475	1.67	7.855

A further step in the investigation was to ascertain what other means of support aside from labor on the adjoining farms were within the reach of this class of people. A considerable industry in lace making and straw plaiting had been carried on in the cottages. At the time of the investigation the earnings from these employments did not exceed 24 cents per day. The usual maximum earning was 12 cents, "and this would mean very hard and constant work." In connection with some of the cottages a pig could be kept, but this was not allowed by the Duke of Bedford unless special structural provision existed for this purpose. The estimated profit on a pig was $2.40. Small allotments of land were sometimes obtained, usually one-eighth of an acre. These were cultivated in potatoes and other vegetables. The annual profit on such an allotment was from $3.85 to $6.27. The investigator recognized two kinds of poverty: (1) *Primary*—invariably caused by insufficiency of earnings, even when most economically applied; (2) *Secondary*,—invariably caused by vice or uneconomical application of earnings.

Of the 127 householders in the village, 23 were found well above the poverty stage. They were of the trading and upper classes; 54 householders, wage earners, were above the poverty line, 40 householders were in primary poverty, 10 were in secondary poverty. Four persons constituted the average size of the families in primary poverty. Three and three-tenths the average size of those in secondary poverty.

The author of the paper in a closing paragraph adds as follows: "I do not wish to draw conclusions in the present paper, but one thing I must say. The cry of *'back to the land'* has a curious commentary in the results I have obtained. As at present existing, the standard of life on the land is lower than in the cities; the chances of success are less, and of poverty greater; life is less interesting, and the likelihood of the workhouse as a place of residence in old age is the greater."

This cry of "back to the land" is beginning to be heard in our New England and Northern Middle States. Are there not conditions here very much resembling those that exist in England? Is not the standard of life on our farms and among agricultural laborers lower than in our cities? Is it not a fact that our farmers, as compared with the ordinary trading classes and laborers in our cities, are decreasing in average wealth and influence? It is not a divine ordinance that strong, healthy men and women, willing to work, shall be poor. Can we complacently look upon a civilization of which such are the results?

Green Feed for Summer Drouth.

Every dairy farmer is familiar with the short pasture problem that causes him so much trouble and loss of milk in midsummer. And the worst of it is that this large shrinkage in production cannot be regained when grass or green feed comes on again. The marked reduction of milk during the few weeks of such a drouth is a serious loss in itself, but this is but a small part of the total shrinkage. It inevitably extends to the end of that milking period with each animal. This is the season to consider how green feed shall be supplied against the time of short pasture.

This shortage of feed comes at a very critical time since the cows are already beginning to feel the effect of the heat and flies, which of themselves quite perceptibly lessen the flow of milk. If the feed is cut short at the same time, the shrinkage is certain to be large. A continous supply of green feed throughout the summer is equally essential to the successful development of young and growing animals.

The common objection to complete soiling is the great amount of labor involved, which in this country is both expensive and difficult to obtain. However, if one is to attempt to produce milk economically, the soiling question cannot be overlooked entirely. It is the purpose of this article to set forth some of the points in favor of partial soiling over complete or no soiling.

NEED AS GREAT AS IN WINTER.

Pastures, especially blue-grass, grow very luxuriantly in spring and furnish a great amount of feed, and then are largely dormant during July and August, especially if the moisture is cut short. They start up again when the fall rains come and furnish much feed for a time. Since this is the nature of grass, a pasture will carry much more stock during spring, early summer, and fall than in the dry weather of midsummer. Every argument that can be advanced for providing feed for winter will apply to supplying feed for this critical summer period. This is indeed the severest time of the year to maintain the milk flow on a well-equipped dairy farm. All good dairymen will provide green feed for this trying period.

NO ADVERSE PERIODS.

The milk flow diminishing at this time of year is sure to be a great loss because the yield once reduced cannot be restored. The subsequent flow during any period of lactation will depend upon the extent of decline during unfavorable conditions. To get the best yield, there must be no adverse periods. To secure these conditions, an abundance of feed must be supplied at all seasons of the year. By helping the pasture out during the dry season with partial soiling, the cattle not only have better feed but more stock can be carried on a given area than by pasture alone.

LET THE GRASS GROW.

The way to have grass is to let it grow. Where pasture is kept closely cropped from early spring, the breathing leaf surface of the grass is greatly reduced ,the result being that the total growth for the season is much diminished. Pasture should be allowed to get a good start in the spring before the stock is turned onto it. Here is where a majority of farmers make a serious mistake. Rye sown in the corn after the last cultivation will furnish an abundance of [illegible]ate in the fall and early in the spring, and in this way save the pasture.

Feed may be supplied for this critical period in two ways. Either by growing some crop that can be pastured off by turning on the cows a short time each day or by cutting the crop and hauling to the cows in the stable, yard, or pasture. The former method is the more economical of labor but there is greater waste of feed and it requires either a small field or some temporary fencing.

Such crops should be planted as will mature in proper succession with each in its best stage of growth, insuring a continous supply of green feed during the dry season.

CORN THE MOST PRACTICAL.

For central and northern Illinois there is no crop generally grown that will produce more feed to the acre than corn, and by planting a small quantity of a very early variety, together with the general crop, corn may be had in the proper condition for feeding from July 15th until frost. There are several early varieties that will mature for feeding in from sixty to seventy-five days after planting. Corn should not be fed too young. When it is nearly full height, it contains only one-third as much nutriment as when in the roasting-

ear stage. To plant a very early variety of corn for the first feeding, and later to feed from the general crop, seems to be the easiest and most practical solution of this soiling question on most farms.

LEGUMES NEEDED ALSO.

Some other crop should be fed in connection with corn, to balance the ration and afford variety. Leguminous crops as clover, alfalfa, Canada peas, cowpeas, soja beans, etc., are especially valuable for this purpose, being unusually rich in nitrogenous ingredients which are so essential to dairy cows.

Cowpeas and soja beans give a large amount of valuable forage, furnishing feed from the first of August until frost. Oats and Canada peas yield well. They are not in condition to feed for more than two or three weeks but the supply may be lengthened by sowing at different dates. If more feed has been grown than can be fed green, it may be made into hay of excellent quality.

Kinds of fodder	Amount of seed per acre	Approximate time of seeding	Approximate time of feeding
1. Corn-early, sweet or dent	6 quarts	May 1	July 1 — Aug. 1
2. Corn-medium dent	5 quarts	May 15	Aug. 1 — Sept. 30
3. Cowpeas	1 bushel	May 25	Aug. 1 — Sept. 30
4. Soja beans	1 bushel	May 25	Aug. 1 — Sept. 15
5. Oats & Canada peas (each)	1 bushel	Apr. 15	July 1 — July 15
6. Oats & Canada peas (each)	1 bushel	May 1	July 15 — Aug. 1
7. Rape (Dwarf Essex)	4 pounds	May 1	July 1 — Aug. 1
8. Rape, second sowing	4 pounds	June 1	Aug. 1 — Sept. 1
9. Rape, third sowing	4 pounds	July 1	Sept. 1 — Oct. 1

If the pastures are short and no allowance has been made for green feed, cut corn from the regular crop if it is near the roasting-ear stage, as it will bring the best of returns. Never, under and consideration, allow stock to go hungry and suffer losses incident to shortened feed at this time which is for every reason the most trying season for the live stock.

W. J. FRASER,
Chief in Dairy Husbandry.
University of Illinois.

Field Notes.

As we go to press we learn that Don J. Wood, of West Winfield, N. Y., has sold his entire herd of Holsteins to Stevens Bros.-Hastings Co., Lacona, and Liverpool, N. Y., and F. G. Johnston & Co. of Columbus, Ohio, has parted with their entire herd to W. B. Barney & Co., Hampton, Iowa.

The *Jersey Bulletin* calls the 62 25 lb. records published in the last H.-F. W. 62 lies. This is a mistake, there were only two lies. Instead of 27 lbs. 2.4 ozs., Alcartra Polkadot should have been credited with 29 lbs. 1.2 ozs.. and instead of 27 lbs. 14.3 ozs., Pontiac Ludy Hengerveld should have received credit for 28 lbs. 6.6 ozs. When we make misstatements we are willing to own up. But in the case of Alcartra Polkadot we were not to blame, as this new record had not been reported when we wrote.

Complimenting the *Dairy and Produce Review*, the *Jersey Bulletin* says: "If this paper and one other, and one or two individuals, will tell the truth, they will get in a better fix to go to heaven." We wonder if the *Jersey Bulletin* can read its title clear to mansions in the skies?

According to the American Hay, Flour and Feed Journal a movement is on foot to organize a national association of the dealers in feedstuffs. It says "the ultimate success of the plan is assured."

To the list 25 lb. cows must be added six not before reported: Nora Inka Pietertje, 44373, owned by Richard Hicks, Auburn, has made a record of 20.412 lbs. fat, equivalent to 25 lbs. 8.24 butter, 80 per cent fat; Pride Clothilde, 44742 ,owned by T. A. Mitchell, Weedsport, N. Y., 20.768 fat, 25 lbs. 15.36 ozs. butter; Minnie Beets DeKol, 44890, owned by T. A. Mitchell, 20.447 fat, 25 lbs. 8.94 ozs. butter; Van der Lei Superb 2d, 76137, owned by J. N. Conyngham, Wilkesbarre, Pa., 23.127 fat, 28 lbs. 14.29 ozs. butter; Ina Woodcrest DeKol, owned by J. W. Dimick, Rifton, N. Y., 25.032 fat, 25 lbs. .62 oz. butter; Aaggie Topsy DeKol, owned by Stevens Bros.-Hastings Co. 23.3 plus lbs. fat, 29 plus lbs. butter.

Tests are being superintended for Holstein breeders of New York State as follows: C. C. Cole for Frank Backman, Weedsport; W. C. Truckell for W. L. Pentecost, Stittville; J. W. Evans for Stevens Bros.-Hastings Co., Lacona; J. B. Horn for J. N. Conyngham, Wilkesbarre, Pa.; F. E. Bailey for E. H. Dollar, Heuvelton; W. H. Lyon for W. H. Grenell, Pierrepont Manor; C. F. Mason for W. T. Hall, Earlville; W. D. Smith for Wing R. Smith, Syracuse; C. L. Hungerford for G. Deforest, Hunt, New Centerville; D. C. Stanion for Lamb Brothers, E. Hamilton; L. L. Devereaux for H. L. Bronson, Cortland; B. C. Holmes for I. J. Foster, Cortland; G. H. West for W. A. Matteson, Utica; Virgil Wart for T. A. Mitchell, Weedsport; F. A. Ryan for H. A. Moyer, Syracuse; L. J. Ellwood for Oneida Community; W. H. Langworthy for Woodcrest Farm, Rifton; G. N. Allen for J. H. Partrick, Mexico; W. H. Vandine for Max Miller, Herkimer; A. H. Knauss for Stevens Brothers-Hastings Co., Liverpool.

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For four years at the head of M. S. Nye's herd, Preble, N. Y.
Twelve A. R. O. daughters.

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"ELMCO" Standard Middlings	"	21.90
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No. 1362 Date April 28, 1906

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Summary of official Records from April 1 to April 9, 1906.

Unless otherwise mentioned, these records are for a period of seven consecutive days. They are made under the careful supervision of State Agl. Colleges and Experiment Stations, and their accuracy is vouched for by them; no private records are reported by the Holstein-Friesian Association.

During the period from April 1st to April 9, 1906, records for 96 cows have been accepted. All made seven, and six made thirty-day records. The averages by ages were as follows:

Twenty-six full aged cows averaged: age, 7 years, 5 months, 23 days; days from calving, 22; milk, 463.1 lbs.; per cent fat, 3.37; fat, 15.615 lbs. Sixteen four-year-olds averaged: age, 4 years, 5 months, 27 days; days from calving, 20; milk, 448.1 lbs.; per cent fat, 3.33; fat, 14.938 lbs. Twenty-one three-year-olds averaged: age, 3 years, 6 months, 19 days; days from calving, 23; milk, 395.5 lbs.; per cent fat, 3.37; fat, 13.347 lbs. Thirty-three heifers classed as two-year-olds averaged: age, 2 years, 4 months, 9 days; days from calving, 30; milk, 304.6 lbs.; per cent fat, 3.3; fat, 10.107 lbs.

This herd of ninety-six animals, which on account of the large proportion of heifers averaged young in years, produced in seven consecutive days 37.567.5 lbs. milk containing 1,259.738 lbs. fat; an average of 3.35 per cent fat. The H.-F. Association never counts five heifers as equal to three cows, but counts every heifer as one milking animal, and the average production for each of these ninety-six animals was 391.3 lbs. milk, containing 13.122 lbs. fat. The fat would be equivalent to 15 1-3 lbs. of best creamery butter per week, and the milk to 55.9 lbs., or about 27 quarts per day.

Among the many fine records presented in this issue of the Official Reports, that of the cow Vander Lei Superb 2nd stands out prominently, with 659 lbs. milk containing 23.127 lbs. butter fat, showing an average of 3.51 per cent fat. Her thirty-day record, of 2,612.2 lbs. milk containing 91.335 lbs. butter fat, is practically the same as for the seven days in per cent fat. Here we have a cow in a herd used as producers of milk for city consumption that actually produced in 30 consecutive days about 1,300 quarts of milk averaging 3.5 per cent fat. This cow is in the mining regions of Pennsylvania, where milk can be sold for 5c per quart; so that her earnings for the 30 days were about $65. As the fat produced would make nearly 107 lbs. of best creamery butter, or could be sold as cream, leaving a large amount of skim milk for calves or pigs, it is evident that such cows are all-round dairy cows and bring in a fine income under any system of dairying. Men with H.-F. cows are never thrown out of business by changes in market conditions; they can satisfy any kind of a market.

While the record of 599.7 lbs. milk containing 20.412 lbs. butter fat made by Nora Inka Pietertje is overshadowed, it is nevertheless very fine; while Hillside Agnes and Susie DeKol Paul each produced about 18 lbs. butter fat. Among the four-year-olds, Langtry DeKol, 19.02 lbs. fat from 520.9 lbs. milk, and Pontiac Abbekerk, 17.052 lbs. fat from 587.1 lbs. milk, lead the one class; while Allie Mona DeKol, 17.772 lbs. fat from 499.8 lbs. milk, and Frenesta Hengerveld DeKol, 17.514 lbs. fat from 419.3 lbs. milk, lead the other. Among the three-year-olds, we have Nasica DeKol, 16.425 lbs. fat from 483.1 lbs. milk, and Lady Hartog DeKol 16.192 lbs. fat from 527.4 lbs. milk in the one class; and Hillside Annie Russell, 16.547 lbs. fat from 507.7 lbs. milk in the other.

The two-year-olds as a body show up finely, and the leaders of the older class are Shadeland Plum DeKol, 16.833 lbs. fat from 502.4 lbs. milk, Oxford Maud, 14.917 lbs. fat from 361.3 lbs. milk, and Urmagelsche 2d A, 14.262 lbs. fat from 339 lbs. milk. Flanders Mercedes Korndyke is prominent in the younger class, with 13.349 lbs. fat from 373 lbs. milk; while Beaut-- Rauwerd Hengerveld and Quoque Clothilde Beets both exceed the 12 lb. mark.

Breeders' Bulletin Board.

Fred C. Hilbert writes:—Enclosed find money order in payment for advertising. Please stop ad as we have but a single calf left.

E. S. Robinson, Forestville, N. Y., writes:—Enclosed please find $2.00 for three year's subscription to the H.-F. World. Our cows are now all in the Advance Register.

Sta. B., Columbus, O., Apr. 4, 1906.

EDITOR H.-F. WORLD:

Dear Sir:—Your paper coming to hand today reminds me that I have not paid bill sent me for Jan.-Feb. and March. I add 1-3 to it and that will pay you for this month, and you will have to stop the add until further notice. Mr. Hatch of W. B. Barney & Co., Hampton, Iowa, came to our place on the morning of 12th, and on the evening of the 13th left Columbus with every animal we had on hand. The morning of the 14th was the first time for 18 years that I did not have one or more cows to milk. I am getting so lonesome that I think I will have to start out and hunt up some more black and whites ,or get where I can see some every day. I don't think there was ever a better lot black and whites taken out of Ohio than Barney & Co. got of us and I expect if I attempt to buy others they will cost me more money, by far, than I received, but I wish them success and hope they will make a big thing on the stock and if I am ever in the market with more stock will be pretty sure to hear again from them.

Yours respectfully,
F. J. JOHNSTON & Co.

Holstein Breeders Club of New York.
Syracuse, N. Y., April 17, 1906.

Dear Sir:—Through the courtesy of Mr. O. E. Jenkins, Passenger Agent of the New York Central railroad, I am able to offer to the members of the Club a special rate from Syracuse to Kingston and return for the Club meeting at Rifton, on May 2d, and inasmuch as about twenty-five persons have expressed a desire to join the party, I take this means of informing you that the Club meeting will be held at Woodcrest, Rifton, N. Y., and the Club party will leave the New York Central station at Syracuse, May 2d at 8.05 a. m. and reach Kingston at 12.55, and returning will leave Kingston at 5.20 and reach Syracuse at 10.15 p. m. Carriages will convey the party to Woodcrest from Kingston and return.

With such congenial company and through such a beautiful and at times picturesque scenery, every member should make an effort to be one of this party. Throw aside your cares for the one day and let us have a large and jolly crowd, enjoying each other's company and profiting by the interchange of ideas and the words of wisdom that will come to us from gentlemen that are eminently qualified to lead and instruct in the very matters we are most vitally interested in. As the reduction in fare is a club rate, please send me $6.25, which will pay the car fare both ways and give you one of the most enjoyable days of your life. Do not delay, but let me hear from you at once.

Yours truly,
WING R. SMITH, Sec'y.

EDITOR WORLD:

We hand you a list of the A. R. O. daughters of Aaggie Cornucopia's Paul DeKol. The list is not quite so long as some, but we think it compares very favorably, when we take into consideration the very small opportunity he has had. We have 24 of his daughters at this time, nine that have never been tested, and that are bred to calve this fall. His present owner, Mr. H. B. Lauber, has four. These heifers will all be tested, that are in shape to test this coming fall and winter. His sire, *DeKol 2d's Paul DeKol*, has 44 A. R. O. daughters that average almost 20 lbs., 5 of the 62 cows with records over 25 lbs. are sired by him, and 3 by his sons,—his dam *Aaggie Cornucopia*, has

Continued on page 159.

NUGGETS.

An excellent whitewash—the ordinary official investigation.

The main argument against untaxed denatured alcohol is the Standard Oil Company.

You can no more ridicule truth, without being rediculous, than you can laugh at falsehood without being blasphemous. —Kidder.

The election of United States Senators by popular vote would go a long ways towards removing indescriminate faultfinding.

This movement against graft is not a crusade against wealth, but against abuses whereby some obtain wealth.—Governor Folk.

So long as senatorial director of express companies hold up the people's parcels post, the Senate will need powerful defenders of its honor.

HOLSTEIN-FRIESIAN WORLD

A Journal for the Holstein Breeder, the Dairyman, and the General Farmer.

Entered at the Ithaca (N. Y.) postoffice as second class mail matter.

Issued the 1st and 15th of every month.

C. G. BROWN, Editor and Publisher

ITHACA, N. Y.

DEPARTMENT OF ANIMAL HUSBANDRY.

PROF. H. H. WING.....Cornell University

THE STUDY TABLE.

SOLOMON HOXIE.....Ithaca, N. Y

INFECTIOUS DISEASES OF CATTLE.

VERANUS A. MOORE..Cornell Vet. College

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DAIRY INDUSTRY.

HERBERT A. HOPPER....Univ. of Illinois

Subscription price One Dollar per year in advance. Three years to one subscriber for $2.00 in advance; five years for $3.00 in advance.

The date on the yellow mailing tag attached to the wrapper of each paper indicates the time to which subscription is paid.

We do not stop papers without being notified to do so.

Advertising rates sent on application.

Illustrations when furnished, will be inserted free of charge. Cuts procured at cost when desired.

Remittances should be made by draft, postoffice or express money orders. Money orders and drafts should be made payable to

C. G. BROWN.

Office of publication, 130 Hazen street, Ithaca, N. Y.

All matter for publication must reach the editor by the 8th and 24th of the month to insure appearance in current issue.

Members of the Faculties of all Agricultural Colleges, and Experiment Stations; all subscribers, and anyone having anything of interest to the readers of this journal are invited to contribute to its columns.

Special Offers. The HOLSTEIN-FRIESIAN WORLD to one subscribers one year on trial for 50 cents in advance. Old subscribers may renew as follows:

One renewal and one new subscription $1.00 in advance.

One renewal and two new subscriptions $1.30 in advance.

One renewal and three new subscriptions $1.50 in advance.

Thus for three new subscriptions one renewal is given free.

These special offers are made for the express purpose of extending the circulation of this paper. To all subscribers who for any reason cannot assist in this campaign, we wil say that there is a standing offer at the head of this column of three years to one subscriber for $2.00 in advance; five years for $3.00 in advance. Breeders' Directory, $1.00.

Editorials.

The Dual Purpose Cow. The term "dual purpose," as applied to cows, is hawked about a great deal these days, but it is doubtful if many have a well defined idea of its meaning They have, to be sure, a generalized notion that it refers to the production of both milk and beef by the same animal, but in what manner is extremely vague.

As throwing light upon this question, the Study Table article by Mr. Hoxie in the last issue of the H.-F. W. is especially valuable. As here defined the dual purpose cow must be the most profitable dairy cow, since, when in milk she converts all digested food nutrients, not necessary to maintenance, into milk, instead of storing a part of it as flesh or fat, and when dry, converts such nutrients into high-class beef, instead of intestinal fat. Such a cow is the true dual purpose cow, and the only profitable one. The Holstein cow far excels all others in these particulars. As a milk producer she is unapproached, and the ease with which she is fattened when dry, and the superior quality of her beef place her conspicuously in the lead in these respects. In addition, the large size and rapid growth of grade Holstein calves render them especially valuable in the production of baby beef.

The Holstein is par excellence the dual purpose cow. She may, possibly, be improved, whether she may be improved upon remains to be demonstrated. At present, she is IT.

The Hunt Sale. THE Fifth Annual Sale of the Pleasant Valley Stock Farm was a succes. The day was fine, Col. Kelley, at his best and the buyers fairly appreciative. The 103 head of Mr. Hunt's cattle including many calves, brought $11,700, an average of $108 per head. The 13 head consigned by W. W. Cheney, brought $1,990, an average of $150.. Four of Mr. Hunt's heifers brought $200, $205, $250 and $260 respectively, and three of the cows consigned by Mr. Cheney brought $210, $250 and $260 respectively.

Following are the sales in detail:

Winnie Clothilde, 5 y., E. W. Kennedy, Clinton, N. Y.....$105
Dixie Queen, 3 y., Q. McAdam.... 85
Dixie Queen DeKol, 4 months, E. W. Kennedy 40
Anna Chase, 6 y., Q. McAdam..... 95
Genesta Aaggie Pauline De Kol, 5 y., E. W. Kennedy..... 135
Janie Hijlaard Clothilde, 9 y., Chas. Dirfendorf, Spraker 95
Leeuwarder 2d, bull, 2 y., Chas. Dirfendorf 60
Lottie Mechthilde Calamity, 3 y., Chas. Dirfendorf 100
Leo Roxey Calamity, 3 y., H. S. Gordon, Kerhonkson, N. Y..... 130
Lou Pietertje DeKol, 3 y., E. E. Poole, Lincklaen, N. Y..... 100
Copia DeKol Clothilde, 3 y., H. S. Gordon 150
Duchess DeKol Pietertje 2d., 3 y., Chas. Dirfendorf 90
Niobe Clothilde Hartog, 3 y., Q. McAdam 100
Belle Wartina, 2 y., Richard Hicks, Auburn, N. Y..... 60
Tirania Clothilde DeKol, 1 y., Q. McAdam 55
Alliqippa Colantha, 3 y., Chas. Dirfendorf 145
Agnes Zozo Mechthilde, 3 y., E. W. Kennedy 150
Calf, bull 50
Fausta DeVries, 4 y., Chas. Dirfendorf 125
Zelka Roxie Colantha, 3 y., Chas. Dirfendorf 145
Viola Colanthus, 2 y., Woodcrest Farm 70
A. & G. Koningin Prince, bull, 3 y., R. T. Watrous 70
Roxie Netherland Aaggie, 2 y., W. W. Cheney, Manlius, N. Y..... 175
Minjke VonHolingen Colantha 4th, 4 y., G. B. Tallman, Fayetteville 90
DeVries 3d's Colantha 2d, 4 y., J. B. Webster, Cortland, N. Y..... 95
Ramoua F. 2d., 3 y., H. S. Gordon.. 155
Tettje Janzen Mechthilde 2d, 3 y., Chas. Dirfendorf 105
Calf, W. W. Cheney..... 80
Lucretia Alice Mechthilde 2d., 3 y., Q. McAdam 75
Mijnke VonHolingen Tirania, 3 y., E. E. Poole..... 85
Princess Pietertje Mechthilde 2d, Q. McAdam 80
Calf, F. Dixon, Auburn, N. Y..... 80
Maud Mechthilde Colantha 2d, 3 y., J. A. Stanton, New Woodstock, N. Y. 80
Princess Maria Mechthilde 2d, 3 y., H. S. Gordon 110
Princess Castine Tirania, 2 y., J. A Stanton 90
Dora Pietertje Hengerveld DeKol, 7 y., Q. McAdam..... 185
Calf, Q. McAdam 75
Florence Netherland Pietertje, 3 y., H. S. Gordon 125
Wilhelmina Hengerveld DeKol, 3 y., W. J. Beck, Rome, N. Y..... 100
Daisy Vaughn DeKol, 3 y., Q. McAdam 130
Shadeland Pietertje, 3 y., R. T. Watrous 90
Shadeland Concordia, 2 y., A. G. Cook, Brandon, Va. 45
Tromp DeKol, 5 y., Chas. Dirfendorf 130
Tromp of Lackawanna, 4 y., W. J. Beck 105
Lady DeGoede 2d, 5 y., and calf, bull, Q. McAdam 110
Mechthilde Beauty DeKol, 5 y., Queen Cantrilla DeKol 2d, 2 y., H. S. Gordon..... 90
Lucretia DeKol 2d, 2 y., H. S. Gordon 100
Lily Castine 2d, 1 y., H. S. Gordon 115
Lilith Pauline DeKol Pride, 3 y., W. J. Beck 55
Alece Posch, (Imp.) 4 y., Q. McAdam 200
Calf, Q. McAdam 80
Catherina Lichte, (Imp.) 4 y., J. A. Graham, Pompton Plains, N. J... 130
Stienser XXI., 4 y., G. B. Wright.. 100
Dyanza Gerben, 6 y., Chas. Hunt.. 180
Dyanza Gerben Johanna, 1 y., J. Wyckoff, Navarino, N. Y..... 95
Sir Johanna DeKol Gerben, bull, 1 y., E. G. Ten Eyck..... 60
Princess Yelm Key Gerben, 6 y., R. P. Watrous 155
Princess Gerben Johanna, 1 y., J. Wyckoff 120

Beulah Gerben, 4 y., D. Clark, Peru 160
Beulah Gerben Johanna, 1 y., E. W. Kennedy 130
Highland Ianthe Gerben, 4 y., A. G. Cook 130
Colantha Duchess 2d, 4 y., R. T. Watrous 135
Colantha Duchess Johanna, 1 y., Q. McAdam 65
Colantha Duchess 3d, 3 y., T. J. Fitzgerald, Cortland, N. Y..... 95
Colantha Duchess 4th, 1 y., H. S. Gordon 70
Adventuress 3d DeKol, 6 y., D. Clark, Peru, N. Y..... 250
Adventuress 3d's DeKol 2d, 4 y., George Abbott 90
Adventuress 3d's DeKol 3d, 3 y., George Abbott 90
Adventuress 3d's DeKol 4th, 1 y., R. T. Wartous 115
Princess Clothilde Johanna, 7 y., J. B. Webster 120
Princess Clothilde Johanna 2d, 4 y., C. N. Kennedy 145
Princess Clothilde Johanna 3d, 3 y., George Abbott 90
Princess Clothilde Johanna 4th, 1 y., Q. McAdam 70
Madge Johanna 2d, 7 y., Geo. Abbot 100
Madge Johanna 2d, 4 y., Alton Miller 85
Madge Johanna 3d, 2 y., A. G. Benedict 100
Madge Johanna 4th, 1 y., Jno. McNamarra 75
Maud Johanna 2d, C. N. Keeney.. 140
Maud Gerben Johanna, 2 y., C. N. Keeney 130
Maud Johanna 3d, 1 y., G. W. Sanford 65
Maud Johanna 4th, 1 y., Stevens & Son 50
Lily Johanna 2d, 4 y., C. N. Keeney 130
Lily Johanna 3d, 3 y., G. B. Tallman 105
Molly Johanna, 7 y., M. J. Cuddy, Auburn, N. Y..... 65
Molly Johanna 2d, 4 y., J. B. Webster 120
Roxie Johanna, 7 y., G. B. Tallman. 105
Johanna Torret, 4 y., G. B. Tallman 95
Ormsby DeKol Beets, 1 y., A. A. Cortelyou, Somerville, N. J..... 95
Joy of Clothilde Burke, 3 y., H. F. Gordon 205
Countess DeKol Burke, 1 y., Q. McAdam 120
Castine DeKol Burke, 2 y., F. Dixon 125
Gretchen DeKol Burke, 1 y., R. T. Watrous 155
Queen Burke DeKol Clothilde, 1 y., A. A. Cortelyou 120
Elizabeth DeKol Burke, 1 y., F. Dixon 130
Lucretia DeKol Burke, 1 y., G. W. Sanborn 175
Mary Vaughn Burke, 2 y., T. A. Mitchell 95
Vale Concordia DeKol, bull, 2 y., E. G. Ten Eyck..... 60
Lilla Veeman Concordia, 2 y., G. W. Sanborn 260
Mamie Ekster Concordia, 1 y., W. W. Cheney 90
Vale Concordia DeKol 2d, bull, 1 y., G. B. Wright 70
Rachel Leeuwarder, F. R. Hazard.. 100
Roxie Terpstra Leeuwarder, 1 y., Q. McAdam 105

Total $11,170

Consigned by W. W. Cheney, Manlius, N. Y.

Canary Butterfly Sir Henry, 3 y., R. N. Stone, Marcellus, N. Y.....$ 65
Maud DeKol Netherland 8 y., E. G. Ten Eyck, Fabius, N. Y..... 250
Sietske 4th, (Imp.) 7 y., Q. McAdam, Utica, N. Y..... 135
Miss Ophelia DeKol, 5 y., H. S. Gordon, Kerkonksons, N. Y..... 210
Netherland Fancy Clothilde, 7 y., H. S. Gordon, Kerkonksons, N. Y. 260
Ambassador Vale, 5 mos., C. H. Keeney, LeRoy, N. Y..... 125
Friesian Beauty, 5 y., W. S. Cook, Ft. Plain, N. Y..... 185
Rhoda Colantha Beauty, 8 y., Lewis Hicks, Auburn, N. Y..... 155
May Wayne Spofford, 4 y., G. B. Tallman, Fayetteville, N. Y..... 100
Lucy B. Clothilde, 6 y., G. B. Tallman, Fayetteville, N. Y..... 120
DeKol Pietertje 2d, 6 y., L. J. Fitzgerald, Cortland, N. Y..... 110
Daisy DeKol Wilhelmina, 7 y., H. E. Cook, Ft. Plain, N. Y..... 185
Calf, H. E. Cook, Ft. Plain, N. Y... 90

Total.....$1,990

Epitaph.

A pious bull!
Justus, full
Of inborn,
Fraternal love!

The bull backslid—
Justus, rid
On a horn,
To Heaven above.

MORAL:

Trust no bull though he
Profess entire sanctification.

New Advertisements.

F. W. Ames offers young A. R. O. cows for sale.

Descendants of Katy Spofford Corona, a world's record cow, for sale at Greenwood Farm.

A brother of a world's record cow for sale by the proprietor of the De Pawville Valley herd.

For young stock of both sexes, sired by Lord Netherland DeKol Count, write to W. H. Davis. Consult ad.

"Son of the King of Sires" and "Cream of the Pontiacs" offered by H. E. Kinne, Jr., Cooperstown, N. Y.

To see a real handsome cow look at the cut of Mutual Wayne Pauline DeKol in Stevens Bros.-Hastings Co's ad.

Descendants of Aaggie Cornucopia Pauline DeKol, brother of Aaggie Cornucopia Pauline, the world's champion, for sale at Gardner Lake Farm.

A yearling bull rich in the blood of DeKol 2d, Netherland Hengerveld, Empress Josephine 3d, and Milla's Pietertje Netherland. Advertised by A. N. Allen.

"Not so much what a breeder says as what his customers say" says H. L. Bronson in his announcement of Special Sale. If you wish to know what a customer says, read the announcement.

PILLING MILK TUBES
Indorsed by leading veterinary surgeons. Coin Silver 50c, Set of four $2. Teat Opener 75c. Dilating Plug 25c. Milk Fever outfit $3. Teat Slitter $1.50. Postpaid on receipt of price. Full directions.
Geo. P. Pilling & Son, Philadelphia, Pa.

HIGHLAWN FARM,
AUBURN, MASS.
Breeder of High-Class
Holstein-Friesian Cattle.
For catalogue and prices address, F. P. KNOWLES, Auburn, Mass.
In writing advertisers mention the WORLD.

Registered Holsteins Wanted. Yearling heifers. Cows due to freshen soon. Heifer calves must be registered and price reasonable for cash. Write **P. O. Box 866, Cortland, N. Y.**

WELL DRILLING Machines
Over 70 sizes and styles, for drilling either deep or shallow wells in any kind of soil or rock. Mounted on wheels or on sills. With engines or horse powers. Strong, simple and durable. Any mechanic can operate them easily. Send for catalog.
WILLIAMS BROS., Ithaca, N. Y.
In writing advertisers mention the WORLD.

HOLSTEINS.
High Class Advanced Registry Stock only
Best butter families. Stock for sale.
Woodside Farm, Princeton, Worcester Co. Mass.
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In writing advertisers mention the WORLD.

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122 South Tioga St. ITHACA, N. Y
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A SPECIALTY.
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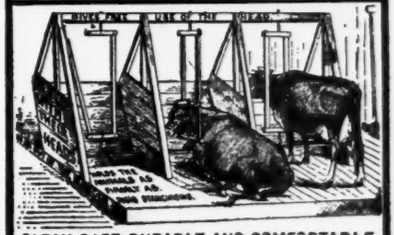
WARRINER'S CHAIN HANGING STANCHION

CLEAN, SAFE, DURABLE AND COMFORTABLE.
WALLACE B. CRUMB, FORESTVILLE, CONN. P. O. BOX 444

Home Circle.

In Black and White.

Written for the H.-F. World.

One fact recorded meaneth more
Than current rumors half a score.
Your speech forgotten, what you write
Stands in convincing black and white.

One Holstein record meaneth more
Than so-called "churn tests" by the score:
For A. R. O. means, Always Right,
Official, writ in Black and White.
—E. M. Hastings.

Selections.

Deep in yon cave Honorius long did dwell
In hope to merit heaven by making earth a hell —Byron.

In short, what will not moral man do?
And now that—strife and bloodshed past—
We've done on earth, what harm we can do
We gravely take to heaven at last;
And think its favoring smile to purchase
O Lord! good Lord! by building churhes. —Moore.

Conscript of 1813.

A CONTINUED STORY.

Translated from the French by the editor of the H.-F. World.

It was at Frankfort that I first came to know military life. Up to that time I had been a simple conscript, then I became a soldier. I speak here not alone of the drill, no! Facing to the right or to the left, of locking step, of raising the hand to the first or second band in loading ,of taking aim, of recovering at command, this is the affair of a month or two. But I learned to know discipline; that the corporal is always right when he speaks to a soldier, the sergeant when he speaks to the corporal, the sergeant-major when he speaks to the sergeant, the under-lieutenant to the sergeant-major, and so on even to the marshal of France,—when they say that two and two are five, or that the moon is visible at mid-day.

This is difficult for you to comprehend, but some things will aid you much: it is a species of placard set up in the chamber of your mind, which they read to you from time to time to quicken your ideas. This placard is substituted for all that a soldier can have a desire of doing, for example, of returning to his home, of refusing to serve, of resisting the commanding officer, etc. These are punished always by death, or, at least, five years of ball and chain.

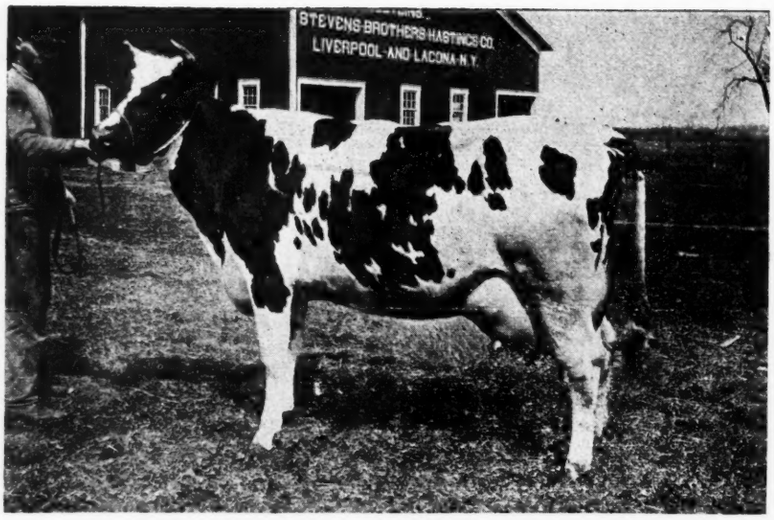
The next morning after our arrival at Frankfort, I wrote to M. Goulden, to Catherine and to Aunt Gredel. One can imagine with what tenderness. It seemed to me in speaking to them that I was still with them; I told them of my fatigue, of my good fortune at Mayence, the courage that was necessary not to fall out of the ranks. I said that I was always in good health, that I was stronger than before departing, and that I saluted them a thousand times. I wrote with my comrades about me, and all the Phalsburgians had me add messages to their friends.

Finally I wrote to Mayence, to the good people of the *Capougner Strasse*, who had in some manner saved me from despair. I said that the call had forced me to depart suddenly; that I had hoped to see them and thank them, but that the battalion set out for Frankfort without giving me an opportunity. I assured them that I was very grateful for their kindness.

This same day we received our battalion uniforms. Dozens of Jews came to the barracks, and each sold to them his citizens clothes. I reserved only my shirts, my stockings and shoes. The Italians had a thousand troubles to make themselves understood by these merchants, who wished to carry away everything for nothing; but the Genoese were as cunning as the Jews, and their discussions were prolonged into the night. The corporals received then many a drink; it was necessary to make friends, for morning and evening they put us through the drill in the court

STEVENS Bros.-HASTINGS Co.

Holstein-Friesians



Mutual Wayne Pauline DeKol.

'Tis not the cow with the crumpled horn,
But one that lives on the Village Farm,
She don't toss the dog that worries the cat,
But she gives milk rich in butter fat;
'Twas the rat, not she that ate the malt,
For she is the cow without a fault.

And She is but One of the Many Faultless We Have.

350 HOLSTEINS 350
STEVENS BROS.-HASTINGS CO.,
Farms at Lacona and Liverpool, N. Y.

Official Records of Holstein-Friesian Cows.

96 Cows. From April 1 to April 9, 1906.

NAME OF COW AND OWNER.	Age. y. m. d.	Days from Calving.	Consecutive Days.	Milk. lbs.	Average per cent. fat.	Butter fat. lbs.
Vander Lei Superb 2d 76137, J. N. Conyngham	10 0 24	38	7	659.0	3.51	23.157
		38	30	2,612.2	3.50	91.335
Nora Inka Pietertje 44373, Richard Hicks	8 9 27	37	7	599.7	3.40	20.412
Hillside Agnes 75645, J. N. Conyngham	8 11 4	13	7	470.7	4.01	18.892
Susie DeKol Paul 56446, Stevens Bros.-Hastings Co.	5 6 29	26	7	547.9	3.39	18.571
		6	30	2,221.9	3.40	75.686
Riverview Glitka 51017, G. F. Blewer	7 0 9	12	7	542.7	3.16	17.130
Hillside Rebecca 75642, J. N. Conyngham	5 9 9	9	7	439.1	3.89	17.077
Shadeland DeKol 41386, A. T. Brown	9 10 2	15	7	512.5	3.32	16.921
Edith Prescott DeKol 2d 52073, Henry Stevens & Son	6 8 15	24	7	560.0	2.90	16.710
Norma Pauline Hengerveld DeKol 56678, Stevens Bros.-H. Co.	5 0 3	27	7	538.1	3.10	16.669
		8	30	2,166.3	3.11	67.447
Alma DeKol 54479, Knapp & Pierce	5 11 25	17	7	452.9	3.67	16.613
Sadie Vale Concordia 2d 56541, Lin G. Green	5 5 2	16	7	535 3	3.03	16.197
Grace DeKol 2d 54789, A. W. Brown	5 3 21	8	7	457.6	3.48	15.909
College Rhea 37014, Geo Rice	11 4 16	8	7	441.9	3.49	15.413
Lady Ruiter Zeda 52543, L. W. Gay	6 5 3	17	7	468.5	3.24	15.209
Maud Mantel DeKol 2d 60579, Richard Hicks	5 0 9	9	7	379.8	3.81	14.483
Netherland Fay Prospect 52708, L. L. Grow	6 4 0	15	7	449.9	3.21	14.431
Irmena Pietertje Mignone 68495 Irwin Langworthy & Son	6 9 27	25	7	463.6	3.08	14.322
Clifden Bell Netherland Rose 50263, Knapp & Pierce	6 9 2	17	7	389.2	3.53	13.727
Madura Clothilde 43875, J. N. Conyngham	11 4 6	94	7	413.0	3.30	13.635
Flanders Mercedes 40166, F. J. Bristol	9 11 22	13	7	359.8	3.58	13.484
Clothilde Aaggie Castine 52656, L. W. Gay	7 5 13	11	7	396.5	3.33	13.219
Langtry Clothilde 41433, L. W. Gay	9 10 16	11	7	432.3	3.05	13.195
Galatia Echo DeKol 48207, Geo. F. Blewer	5 0 13	16	7	373.0	3.53	13.155
Haydee 45286, L. W. Gay	9 5 26	9	7	398.8	3.19	12.726
Blue Violet 55645, L. W. Gay	5 9 26	25	7	368.5	3.41	12.508
Lady Colantha 46961, Geo. F. Blewer	8 3 8	49	7	355.5	3.46	12.312
Langtry DeKol 2d 58438, Wing R. Smith	4 11 4	19	7	520.9	3.65	19.020
Pontiac Abbekerk 56972, Stevens Bros.-Hastings Co.	4 7 11	19	7	587.1	2.93	17.052
		6	30	2,436.7	2.92	71.518
Lady Milly Mechthilde DeKol 65313, L. L. Grow	4 10 21	43	7	480.2	3.26	15.677
Ophelia Jane 2d's Maid 58444, Wing R. Smith	4 11 12	12	7	453.7	3.47	15.653
Spring Brook Rose DeKol 58154, Knapp & Pierce	4 11 8	10	7	446.7	3.31	14.791
Lady Hartig Koningen 6[illegible]463, J. A. Stanton	4 7 10	42	7	460.1	3.15	14.509
Belle Clothilde Cremlin 57535, H. T. Allen	4 10 26	10	7	358.8	3.89	13.962
Allie Mona DeKol 62065, H. T. Allen	4 1 28	17	7	499.8	3.56	17.772
Frenesta Hengerveld DeKol 60550, Wing R. Smith	4 2 15	10	7	419.3	4.18	17.514
Soldene Clothilde Beets 57564, L. L. Grow	4 5 3	28	7	440.0	3.64	16.021
Princess Clothilde Pietertje 61744, Stevens Bros.-Hastings Co.	4 3 19	14	7	514.1	2.90	14.959
Lady Netherland Hengerveld 58450, L. L. Grow	4 3 12	50	7	361.5	3 82	13.819
Sis Pietertje 62851, J. A. Stanton	4 0 6	11	7	506.4	2.49	12.647
Aaggie Flura 62852, J. A. Stanton	4 0 28	18	7	407.6	3.09	12.607
Bakker Belle Pietertje 2d 62361, L. W. Gay	4 2 5	6	7	388.6	3.06	11.880
Jetske Artis DeKol 3d 59008, L. W. Gay	4 4 8	6	7	324.7	3.42	11.121
Nasica DeKol 62434, Wing R. Smith	3 11 3	33	7	483.1	3.40	16.425
		17	30	1,978.5	3.35	66.030
Lady Hartog DeKol 63770, J. A. Stanton	3 10 9	11	7	527.4	3.07	16.192
Mechthilde Parthenea DeKol 62992, Geo. F. Blewer	3 7 29	15	7	438.2	3.40	15.173
Anna Battels Pietertje DeKol 62488, Knapp & Pierce	3 10 0	26	7	435.9	3.40	14.863
Lilly Grace DeKol Paul 61183, A. W. Brown	3 11 7	6	7	391.1	3.76	14.692
Ophelia Magic 63282, Wing R. Smith	3 11 2	20	7	411.1	3.50	14.398
Ruby Shadeland Coin Pet DeKol 63593, Stevens Bros.-H. Co.	3 10 19	22	7	395.1	3.49	13.777
Beryl Lady Hengerveld DeKol 63395, H. Stevens & Son	3 6 15	24	7	418.3	3.27	13.692
Lady Echo DeKol 65131, Geo. F. Blewer	3 6 0	25	7	387.0	3.30	12.773
Sita Clothilde DeKol 61787, Richard Hicks	3 9 22	11	7	301.1	4.05	12.230
Floa Pietertje 62486, Knapp & Pierce	3 11 24	20	7	368.0	3.45	12.092
Kiatta Edkje DeKol 62516, O. J. Godfrey	3 11 2	15	7	313.9	3.69	11.581
Hannah Melchior Pauline DeKol 66748, Henry Walsh	3 9 20	41	7	349 6	2.96	10.332
Hillside Annie Russell 80246, J. N. Conyngham	3 5 25	41	7	507.7	3.26	16.547
		21	30	2,104.2	3.23	67.881
Moneta Pietertje Netherland 66267, Stevens Bros.-Hastings Co.	3 2 4	14	7	451.1	3.45	15.562
Black Bess Clothilde 4th 65621, H. T. Allen	3 1 26	20	7	428.9	3.09	13.255
Hamilton Beauty DeKol Queen 65980, Knapp & Pierce	3 3 17	88	7	340.3	3.77	12.824
Tehee Glitka DeKal 67399, Geo. F. Blewer	3 1 24	31	7	365.1	3.24	11.823
White Bess Clothilde 3d 65624, H. T. Allen	3 2 17	7	7	383.1	3.08	11.807
Howland Lillie DeKol 75205, Geo. N. Hodges	3 1 4	11	7	329.9	3.32	10.964
Lilith Pauline Countess Carlotta 67141, R. P. Kutschbach	3 3 8	6	7	279.5	3.68	10.275
Shadeland Plum DeKol 69075, Geo. W. Lamb	2 11 27	11	7	502.4	3.35	16.833
Oxford Maud 68304, P. D. Ede	2 9 7	47	7	361.3	4.12	14.917
		33	30	1,515.6	4.09	62.091
Urmagelsche 2d A 69967, T. A. Mitchell	2 9 19	15	7	339.0	3.12	14.262
Sijtje Twisk Pietertje DeKol 68500, Irwin Langworthy & Son	2 11 22	27	7	420.4	3.11	13.105
Jacoba Hartog Royal DeKol 27255, Irwin Langworthy & Son	2 9 27	23	7	385.0	3.37	12.998
DeKol Albirce 68560, O. J. Godfrey	2 11 5	17	7	319.2	3.42	10.929
Milly Mechthilde DeKol 69117, Stevens Bros.-Hastings Co.	2 9 28	13	7	274.2	3.73	10.225
Highland Lill 69678, L. L. Grow	2 6 8	171	7	309.5	2.99	9.260
Lady Bell 4th's DeKol 69344, Geo. W. Lamb	2 9 0	87	7	254.9	3.50	8.928
Lady Pell Pride Queen 69345, Stevens Bros.-Hastings Co.	2 8 7	55	7	283.8	3.08	8.600

Netherland Aaggie Artis Rose 66165, Lamb Bros.	2 9 4	11	7	273.0	3.08	8.421
Lady Mechthilde Echo DeKol 71673, G. F. Blewer	2 6 24	6	7	226.7	3.65	8.280
Flanders Mercedes Korndyke DeKol 73203, F J. Bristol	1 11 7	58	7	373.0	3.58	13.349
Beauty Rauwerd Hengerveld 69234, W. R. Smith	2 1 0	15	7	372.1	3.33	12.388
Quoqne DeKol Clothilde Beets 69208, Stevens Bros.-Hastings Co	2 0 10	15	7	400.8	3.01	12.076
Corinne Albtno DeKol 71825, Geo. Rice	2 3 18	50	7	308.6	3.50	10.810
Netherland Johanna Rue 5th 73312, C. A. Schroeder	2 2 22	17	7	317.4	3.28	10.418
Gaza Aconeth DeKol 3d 71829, Geo. Rice	2 4 13	32	7	297.6	3.50	10.110
Akkrummer Pietertje 2d 72301, C. A. Schroeder	2 1 25	30	7	288.7	3.40	9.813
Dinasala's Mechthilde 2d 71671, Geo. F. Blewer	2 5 8	45	7	286.5	3.42	9.812
Johanna Clothilde 5th 71016, F. J. Bristol	2 2 24	12	7	320.7	3.05	9.788
Lady Netherland Wit DeKol 73310, C. A. Schroeder	2 2 16	23	7	304.7	3.19	9.708
Susie Dora DeKol 76730, Stevens Bros.-Hastings Co.	2 4 17	19	7	279.5	3.35	9.372
Kiatta Mercedes Wayne 75041, O. J. Godfrey	2 1 22	19	7	293.0	3.15	9.223
Lilla May Boon DeKol 66878, Jas. A. Lee	2 2 28	20	7	295.4	3.12	9.216
Twin Jessie 3d's DeKol 72262, H. H. Wickwire	2 1 24	29	7	250.0	3.67	9.192
Friend Small Hopes Beets 74077, A. W. Brown	1 11 26	10	7	261.4	3.49	9.124
Minnie DeKol Lilith 76384, A. W. Browh	1 11 16	10	7	227.8	3.84	8.752
Lily Metherland Beryl Wayne 74076, A. W. Brown	2 0 27	27	7	282.7	3.03	8.564
Johanna DePaul 71103, F. J. Bristol	2 1 8	77	7	255.8	3.26	8.335
Wadmantje Queen DeKol 75389, O. J. Godfrey.	1 11 16	17	7	232.9	3.45	8.046
Irmena Pietertje DeKol 76482, Irwin Langworthy & Son	1 9 29	12	7	241 1	3.32	8.011
Wietske Inka Hengerveld DeKol 73606, L. L. Grow	1 11 21	26	7	243.2	3.26	7.928
Kiatta Mercedes DeKol 75158, O. J. Godfrey	1 11 9	6	9	229.8	3.33	7.644

DELAVAN, WIS., April 18, 1906. MALCOLM H. GARDNER, Supt. of Advanced Registry

full of snow. The *cantiniere,* sutler woman, was always in her corner, the warming pan under her feet. She paid especial consideration to the young men of good families, as she called those who were free with their money. How many among us permitted themselves to draw their last liard in order to hear themselves called young men of good families! Later on these were only beggars. But what could you expect? Vanity . . . vanity . . . that is fatal to all people, from the conscript even to the general.

During this time recruits were arriving each day from France, and carts full of wounded from Poland. What a spectacle before the hospital of the Holy Spirit, on the other side of the river! It was a procession without end! These unfortunates had some the nose and ears frozen, others an arm, still others a leg. They put them in snow in order to prevent them from falling to pieces. Never have I seen people dressed so miserably, fur caps with the fur gone, battered army caps, Cossack's vests, handkerchiefs and shirts wound around their feet; they left the carts, holding on to their clothes, and looking at you like savage beasts, their eyes sunk in their heads and their hair bristling. The Bohemians who slept in the woods would have pitied them, yet they were the most happy, since they had escaped the carnage, and since thousands of their comrades had perished in the snows or on the field of battle.

Klipfel, Zebedee, Furst and I went to see these unfortunates; they recounted to us all their downfall since Moscow,

PUBLIC SALE
HOLSTEIN-FRIESIAN CATTLE
SIXTH PUBLIC SALE
SYRACUSE, N. Y., JUNE 7 and 8, 1906.

This offering consists of 30 Head of Pure Bred Imported and 130 Head of Pure Bred Domestic. Without doubt this will be the best lot of cattle that we have ever consigned.

BREEDERS' CONSIGNMENT SALE COMPANY.

WING R. SMITH, Syracuse, N. Y.
H. A. MOYER, Syracuse, N. Y.
WOODCREST FARM, Rifton, N. Y.
T. A. MITCHELL, Weedsport, N. Y.
A. A. CORTELYOU, Somerville, N. Y.
STEVENS BROS.-HASTINGS CO., Lacona, N. Y.
F. P. KNOWLES, Auburn, Mass.

☞ We wish those interested to have a catalogue. The best yet—ready May 15th. Address

S. D. W. CLEVELAND,
Sales Manager,
Syracuse, N. Y.

The Cream of the Pontiacs offered for sale

THE KING OF SIRES

Out of a son of prominent young cow which has recently made a butter record of over 21 pounds, the milk tested better than 4.1 per cent fat. This young bull has royal breeding, supurb individualty and high per cent of butter fat records.

Pontiac Boreas, No. 39424, born Nov. 27, 1 04. Here is a young bull ready for service. He is not only bred in the purple but is the finest individual male animal that could be found in the famo us Eastern Michigan Asylum This is not only the judgment of the writer but an officer of the H. F. Association also pronounced him the best individual male there. His dam is still yo n g and is the handsomest and one of the most promising animals in that famous herd. He is the only son of Hengervelt DeKol, with a dam whose milk tested over 4 per cent.

Hengerveld DeKol, No.23102, 56 A. R. O daughters. He has 10 two-year-olds whose records average 17.3 lbs. each, and 10 three-year-old daughters with butter records that average over 22 lbs. each. He is justly termed "the king of sires" His daughters all average over 4 per cent fat He now has more A R. O. daughters than any other bull. Fifty-six in number.

Pontiac Tritomia, No. 3661 A R. ·. butter 7 days, 21.66 lbs ; milk 7 days, 422 lbs.; milk 1 day, 68 lbs ; milk in 328 days, 11354 lbs.; at 4 yrs. of age. A very handsome cow wite immense udder ; teats well placed; large and tortuous milk veins. During her test her milk averaged better than 4.1 per cent fat

DeKol 2d's Butter Boy, No. 21,566, sire of Nicolo DeKol, 2224, and nine other daughters, also 18 sons with 180 A. R. O. daughters Through his sons he is the greatest producing sire ever known.

Magadora, No 29237, A. R. O. butter 15 121 Two sons with 49 A. R. O. daughters. She has 11 A R O. sisters.

Carlotta 2d's Sir Parthenea, No 454, sire of Carlotta Abbekirk Butter 16.57 lbs

Tritonia Silene. No. 30764, 60 lbs 4 ozs. milk in one day. Won first prize at Iowa St te fair, 180 99. Champion cow at Nebraska State fair, 1901. She is a high-test cow Her milk has never tested lower than 4 per cent.

He must be seen to be appreciated. Came or write

H. E. KINNE, Jr., Cooperstown, N. Y.

and I saw well then that the 29th Bulletin, so terrible, had told only the truth.

These accounts excited us against the Russians. Some said: "Ah! I hope the war will recommence soon; they will see some hardships this time! This is not the end, this is not the end!" Their anger worked upon me, and sometimes I thought: "Joseph, are you going to lose your head now? These Russians defended their country, their families, all that their homes held the most sacred in the world. If they had not defended them, one would have reason to despise them."

At this time there happened something quite extraordinary.

To be continued.

Breeders' Bulletin Board.

Cantinued from page 153.

5 A. R. O. daughters ,that average 23.89 lbs., a showing unequaled by any cow of the breed. His 13 daughters, 44 of sire, and 5 of dam, average, we believe, the highest of any like number of daughters of any sire, dam and son, Seven of his daughters average 20.10 lbs. The whole 13 average almost 17½ lbs. He and his sire, DeKol 2d's Paul DeKol, and his sire's sire, Paul DeKol, have 94 A. R. O. daughters. The list is as follows:

Neah Pauline DeKol, age 6 yrs., 467.9 lbs. milk, 21.895 lbs. butter.

Alice Pietertje DeKol, age 3½ yrs., 442.2 lbs. milk, 20.03 lbs. butter.

Lady Jessie Aaggie DeKol, age 2½ yrs., 370.3 lbs. milk, 21.00 lbs. butter.

Aaggie Jetta's Pauline DeKol, age 6 yrs., 472.8 lbs. milk, 20.32 lbs. butter.

Jamacia Veeman 3d, age 3 yrs., 494.2 lbs. milk, 19.696 lbs. butter.

Lieuwkje Wayne DeKol age 4½ yrs., 450.6 lbs. milk, 18.951 lbs. butter.

Pauline Lieuwkje DeKol, age 4½ yrs., 442.6 lbs. milk, 17.881 lbs. butter.

Dora Cornucopia DeKol, age 3 yrs., 388.3 lbs. milk, 16.768 lbs. butter.

Lieuwkje Pauline DeKol, age 5 yrs., 404.5 lbs. milk, 15.608 lbs. butter.

Pauline Neah DeKol, age 4 yrs., 359.4 lbs. milk, 15.123 lbs. butter.

Laurel Cornucopia DeKol age 2 yrs., 308.0 lbs. milk, 13.411 lbs. butter.

Lieuwkje Cornucopia Pietertje, age 2 yrs., 309.2 lbs. milk, 12.961 lbs. butter.

Lieuwkje Cornucopia Veeman DeKol, age 2 yrs., 291 lbs. milk, 11.757 lbs. butter.

Very truly yours,
GARDINER & MISNER,
Centerville Sta., N. Y.

Transfers.

For Week Ending Mar. 17, 1906.

MAINE.

Sir Lancelot De Kol, G. A. Chandler to G. D. Grose, Sumner.

MASSACHUSETTS.

Mildred De Kol Paul Prince, Stevens Bros.-Hastings Co. to Thorne Bros., Millis.

Norwood Netherland Statesman, W. H. Randall to Fred S. Hall, Raynham.

Norwood Netherland States, W. H. Randall to Fred S. Hall, Raynham.

Paul Withoorn Burke De Kol, J. H. Mead to Wm. B. Bowen, Rehoboth.

Prince Ondinus Wayne, Shattuck Farm to Geo. M. Carter, Andover.

Sir Constance De Kol, M. T. Carrigan to Fred Raymond, South Sudbury.

Sir Maartje Clothilde Colantha, R. J. & H. C. Forbush to Worcester Insane Hospital, Worcester.

Swopkje P. S. De Kol, Rankin Bros. to O. E. Parker, Brimfield.

Worcester Alpha, Worcester Insane Hospital to the Massachusetts State Sanatorium, Rutland.

MICHIGAN.

Calamity Spring Lad. W. H. Brown to Geo. E. Lapham, and from Geo. E. Lapham to Herman Tien, Jr., Holland.

Count Canary Sadie Vale De Kol, J. S. Childs to W. B. Thompson, Salem.

Lindenwood Lad, H. H. Prickett to C. R. Jones, Morenci.

Sir Retta De Kol, J. S. Childs to G. Saliski, Ypsilanti.

MINNESOTA.

Leda Sir Fobes, McKay Bros. to J. D. Hinegardner, Grand Rapids.

NEW YORK.

B and F Count Klondike De Kol, Brockett & Finnegan to Thomas Finnegan, Madison.

Canary Mercedes Alma Paul, D. J. Hinkley to Irwin Langworthy, and from Irwin Langworthy to L. G. Kirkland, Conewango Valley.

Carlotta Sarcastic Lad, D. J. Hinkley to Geo. Bradley, Leonardsville.

Count Nevada De Kol Wayne, E. M. West to S. H. McLaughlin, Moriah Center.

Echo De Kol Castine, C. H. Weaver to Elmer Wooden, Riga Station.

Klondike De Kol Coin, Brockett & Finnegan to Elizabeth F. Purington, Madison.

Korndyke Belle Pietertje, W. H. Hughes to F. C. Bushnell, Chittenango Station.

Lilith Pauline Wayne De Kol, E. J. Tefft to J. B. Marqus, Jr., Norwich.

Piteertje De Kol Coin 2d, Brockett & Finnegan to Dennis Creedon, Oriskany Falls.

Pontiac Champion, Stevens Bros.-Hastings Co. to Laura M. Meyer, Marcy.

Pontiac King Segis, Pietertje, Stevens Bros.-Hastings Co. to Sanford R. Clark, Onondaga Valley.

Prince Amebr De Kol, Charles Cooper to Frank Fear, Holland Patent.

Prince Ononis Butter Boy, S. N. Browning to Irving Munson, Massena.

Prince Ononis de Haan Butter Boy, S. N. Browning to R. Digneau, Rackett River.

Royal De Kol Paul Clothilde, E. A. Rodwell to Arthur Janes, Holley.

Sam Eastman, Chas. H. Brush to Silas H. Sanford. Hopkinton.

Sir Hartog Burke De Kol, Stevens Bros.-Hastings Co. to H. L. Humphrey, Cape Vincent.

Sir Marion De Kol Perfecttion, J. A. Ranney to John L. Boyce, Locke.

Sir Mercedes Korndyke, Geo. F. Blewer to T. T. Baylor, New York City (37 Liberty street).

Sir Ormsby Koningen, Stevens Bros.-Hastings Co. to C. W. Lindsey, Pulaski.

Sir Paul Beets De Kol Wayne, Stevens Bros.-Hastings Co. to Geo. S. Loomis, Richland.

Sir Siempje Korndyke De Kol, A. D. Smith to E. C. Newman, Webster Station.

Veeman De Kol Count, Brockett & Finnegan to Elizabeth F. Purington, Madison.

NORTH DAKOTA.

Sir De Kol Madrigal, J. E. Gormley to The Garfield Creamery Co., Youngtown.

OHIO.

Buckeye Duke Spencer, H. L. Stuart to Frank Eglin, Spencer.

Duke Wellington of Erie, H. L. Stuart to D. Crile, Wellington.

Erastus De Kol Nudine, G. W. Birrell to F. W. King, Farmdale.

Frank Monk Count De Kol, G. W. Birrell to A. W. Hart, West Williamsfield.

Imperial Girl 2d's Prince, C. E. Riley to Leon P. Bennett, Twinsburg.

Mammoth Beauty Duke, H. L. Stuart to W. V. Gowa, Spencer.

Meteor Clyde De Kol Oakes, S. B. Oakes to Wm. Bachelor, Coolville.

Nieta Pauline Duke, Frank G. Thomson to M. C. Lecklider, Toledo.

Sir America Netherland, The O. C. Smith Co. to F. A. Derthick & Son, Mantua.

Sir Nudine Kaastra De Kol, Stevens Bros.-Hastings Co. to Simon Hartzell, Berlin Center.

PENNSYLVANIA.

Count McLane, E. L. Hotchkiss to Arthur McLallen, McLallen Corners.

Shadeland Ashur, Powell Brothers to Archie West, Conneautville.

SOUTH DAKOTA.

Sir Dulce Alcartra, McKay Bros. to C. H. Morse, Ethan.

Sir Herbert Lad, W. B. Barney to G. L. Gilman, Mission Hill.

VERMONT.

Amy Granger Count, A. J. Higgins to B. K. Graves, and from B. K. Graves to E. C. Chandler, St. Johnsbury.

Brookside Butter Prince, Stevens Bros.-Hastings Co. to C. G. Peck, Burlington.

Clothilde De Kol Jewett, Worcester Insane Hospital to O. E. Williams, Newport Center.

Cornucopia Hero, W. B. Dodds to Vantine & Dodds, No. Hero.

Island Boy De Kol, W. B. Dodds to C. H. Weed, Essex Center.

Lilith Pauline De Kol Beryl 3d, S. D. Nichols to I. M. Hall, Groton.

Paul Merdu Hengerveld De Kol, J. H. Mead to J. H. Warren, Morrisville.

Sir Aaggie Cornucopia De Kol, S. D. Nichols to Frank W. Page, Groton.

Worcester Clothilde, Worcester Insane Hospital to O. E. Williams, Newport Center.

VIRGINIA.

Sir Dan Netherland Abbekerk, T. O. Sandy to Clarence Pettit, Elko.

WISCONSIN.

De Kol Sarcastic, F. E. Clark to A. L. Williams, and from A. L. Williams to Chas. Crabb, West De Pere.

De Mar 3d's Pietertje, A. C. Demerit to K. B. Skuldt, Mt. Horeb.

Emmett Johanna Jewel, W. J. Williams to H. Bock, Watertown.

Geneso Sir Piebe, McKay Bros. to T. J. Barmore, Juda.

Inka Vokolina De Kol, C. W. Rasch to John Seifert, Sherry.

Johanna Longfield, Johanna Boy, W. J. Williams to A. Smaling, Lowell.

Mechthilde Netherland, Albert Babler,

Jr., to Geo. Legler, Argyle.

Mechthilde Starie Paul De Kol, Albert Babler, Jr., to S. E. Butts, Albany.

Portia Pietertje Sir Inka, R. D. Royce to C. F. Schimming, Ft. Atkinson.

Prince De Kol Piebe Hengerveld, E. A. Kane to Roy Denio, Darlington.

Prince Inka Wit Barbetta, A. C. Demerit & Son to Henry Lewis, Ridgeway.

Sir Johanna Mantella De Kol, G. W. Bates to Chas. Truttschel, Sheboygan Falls.

HOLSTEIN-FRIESIAN ASSOCIATION.
F. L. HOUGHTON, Sec'y,
Brattleboro, Vt.

For the Week Ending March 24.

COWS.

CONNECTICUT.

Belle Inka Ormsby, H. Stevens & Son to W. E. Disbrow, Bridgeport.

ILLINOIS.

Lady Tomrose, Lady Tomrose 2d, Nellie Aaggie Netherland; from Alonzo Hosford to Wm. Kruse, Elgin.

Alice Aconeth Houwtje, W. K. Sexton to R. A. French, Hampshire.

Boutsje Q. Pietertje, W. K. Sexton to Wm. Doty, Hampshire.

Nellie Oak De Kol, F. W. Munson to W. E. Doty, Hampshire.

Pauline Piebe De Kol, Aug. Stocker to Henry Pyle, St. Jacob.

MAINE.

De Kol Butterfly Mercedes, De Kol Mechthilde Butterfly Mercedes, Irene Netherland Perfection; from D. W. Field to Fred W. Jones, Kennebunk.

MASSACHUSETTS.

Anna Battel's 3d's Annual, Eureka Jewel, Gertie Snowflake Posch, Spring Brook Creamelle; from H. Stevens & Son to Mt. Hermon Boy's School, Mt. Hermon.

Mosetta De Kol, Pietertje Jennie Ondinus, Vevie Goldie; from W. S. Putnam to Henry C. DeLano, Princeton.

Cora Denton, F. C. Miller to Alva Knight, Clayton.

Julia Pietertje Neetherland, W. S. Putnam to Geo. E. Morse, Hubbardston.

Pietertje Hengerveld Countess, Lewis F. Blossom to Fred F. Field, Brockton.

MICHIGAN.

Bessie Belle Calamity, M. R. Seeley to Carl Ely, Farmington.

Hazel Bawn Princess, Byron Brink to John A. Garrow, Morenci.

Lady Gerda Mercedes, Byron Brink to John A. Garrow, Morenci.

Minnie De Cole Norine, Geo. L. Weller to Earl Cornell, Howell.

MISSOURI.

Kittie Edler De Kol Paul, Chas. Constance to B. L. Bean, Cameron.

NEW JERSEY.

Brimsma Wayne Pauline, H. L. Bronson to E. B. Worthley, Red Bank.

Clothilde Josephine, Lester Shurts to John H. Van Doren, Neshanic.

NEW YORK.

Aaggie Grace's Boy's Topsy, Aaggie Grace Topsy, Clothilde Topsy Belle, Idelena Korndyke, Jannek Topsy Burke, Jessie Korndyke De Kol, Jessie of Cornella, Rag Apple's Abbekerk Burke, Topsy Korndyke, Valley Farm Albina, Valley Farm Edith, Valley Farm Jessie; from Don J. Wood to Frank G. Thomson, Toledo.

Maple Ridge Johanna, Small Hopes Mooie 3d, Thorla Inka Burke; from C. H. Fitch to C. H. Fitch & Sons, Burlington Flats.

Belle Inka Ormsby, Ruth De Kol Butter Cup, Ruth De Kol Butter Cup 2d; from A. C. Hill to H. Stevens & Son, Lacona.

Althea Lyons, W. A. Wilder to Wing R. Smith, Syracuse.

Amelia Pearl De Kol De Jong, Clarence E. Gifford to Silas Herrington, Valley Falls.

Blanche Pledge 2d, Fred Lansing to J. F. Stoddard, Georgetown.

Calliopsis Clothilde De Kol, L. G. Kirkland to A. B. Grover, Conewango Valley.

Carlotta Queen May, Otto Mayne to Wheeler & Mayne, W. Edmeston.

Coboca 4th's Netherland, Henry J. DuBois to Elting Schoonmaker, Stone Ridge.

De Kol Queen Perfection 2d, Frank Fear to DeLano & Beebe, Ticonderoga.

Dolly Gorter, J. Arthur Crittenden to Owen D. Minges, Stanards.

Dora of Millerdale, Clarence E. Gifford to Horace Austin, Buskirks.

Fannie De Kol of Maple Shade, G. A. Abbott to H. L. Bronson, Cortland.

Glista De Kol, Cornell University to H. T. Reed, Cortland.

Hartog Zozo De Kol, Chas. K. Record to Rollin Case, Canastota.

H. E. Pauline Paul 2d, C. F. Corey to Seymour Spoon, Amboy Center.

Iebeltje Gaatsche, Ward W. Stevens to W. R. Selleck, Huntington, Long Island.

Japke Pietertje Wayne De Kol, E. J. Spooner to Geo. Frost, Jr., Stockbridge.

Juliet Rosalind, J. E. Quackenbush to Fred Benton, Stockbridge.

Lady Valentine 3d, J. Arthur Crittenden to Owen D. Minges, Stanards.

Lyndia Lockhart Heegstra 2d, M. G. Spooner to Eugene LaMunion, Solsville.

Mapledale De Kol Pride Artena, G. S. Myers to H. B. Page & Son, Conewango Valley.

Maud Elnora, Geo. J. Porch to John Lynch, Wellsville.

Pauline Keyes 2d, C. F. Corey to Seymour Spoon, Amboy Center.

Pearl Artis, G. S. Myers to Irvin Poole, Conewango Valley.

Pelham Baby, Chas. K. Record to Rollin Case, Canastota.

Queen of Easton De Kol De Jong, C. E. Gifford to Edw. Dwyer, Schaghticoke.

Rose Goudgeld 5th, F. E. Williams to N. F. Sholes, Earlville.

Ruth De Kol Buttercup 2d, H. Stevens & Son to Herbert Watkin, Camden.

Sir Henry Beatus' Etolia, Est. of N. Brownell to Mrs. N. Brownell, Hubbardsville.

Tobe Japke 2d, John H. Phelps to W. J. Beck, Rome.

Wilhelmina De Kol Netherland, L. C. Fuller Est. to Alexander Brown, Shushan.

OHIO.

Betsey of Springbrook, F. E. Wade to L. V. Sturdevant, Mesopotamia.

Cordova Lady Belle De Kol, W. E. Sheen to Mrs. Mary D. Sheen, Salem.

Dinah Mac De Kol, Wm. M. Breck to W. G. Wilkinson, Brooklyn.

Hilken De Kol, C. Martig to Clyde Pettit, Beloit.

Minnie Erie, Henryy Hyde to D. N. Myers, Sullivan.

Olive Ordello, Wm. Drake to D. N. Myers, Sullivan.

Ornetta Lady, Albert Brown to A. V. Case, Lockwood.

Queen Anne 5th's De Kol, O. P. Chapman to Esther A. Horr, Wellington.

Verbelle Pet 3d, Leonard Atwood to O. K. Russell, Middlefield.

ONTARIO.

Gaza Aconeth De Kol 3d, Gaza Aconeth Pietertje Netherland, Boutsje Pietertje Belle Paul, Corinne Albino De Fol; from W. K. Sexton to Geo. Rice, Tillsonburg.

Kenwood Maid Pauline, H. Stevens & Son to John M. Joyce, Napanee.

PENNSYLVANIA.

Aurora Clintonia, H. Stevens & Son to F. A. Holmes, Volant.

Aurora Jewel, H. Stevens & Son to F. A. Holmes, Volant.

VERMONT.

Broadlands Princess Artis 2d, Vermont State Hospital to Geo. C. Cary, St. Johnsbury.

Lady Barrington Lincoln, A. R. Marsh to H. W. Goodell, Westminster West.

Mercedes Lincoln 2d, A. R. Marsh to H. W. Goodell, Westminster West.

Mermaid Clothilde Alexander, J. H. Mead to W. W. Kimball, Essex Junction.

Mollie Lucelia Alexander Pauline, J. H. Mead to W. W. Kimball, Essex Jct.

Waterbury Mabel De Kol, Vermont State Hospital to Geo. C. Cary, St. Johnsbury.

WISCONSIN.

Aaggie Fyke Mechthilde, Barbara Colanthus Mercedes, Netherland Countess Idlewild; from T. J. Barmore to South Bros., Monroe.

Aaggie Paul Princess Cornelia, A. Siegert to B. Liebhaber & Sons, Seymour.

Korndyke Hengerveld Carlotta, A. Siegert to Orsen Struck, Greenville.

Lavino of Albion, C. D. Holt to Edw. W. Myers, Glenbeulah.

Madrigal Canary Netherland, Ezra Blumer to L. G. Legler, Juda.

Queen Aaggie Palmar, David Thorpe to T. J. Barmore, Monroe.

Worth Aaggie Mechthilde, A. Siegert to B. Liebhaber & Sons, Seymour.

BULLS.

CALIFORNIA.

King Paul De Kol of Obispo, Chas. J. Welch to J. H. Kaufman, Newman.

Sir Royal Onyx Clothilde, Chas. J. Welch to R. H. Bambauer, Newman.

CONNECTICUT.

Pioneer Lord Netherland, Stevens Bros.-Hastings Co. to D. D. Joyce, Danbury, Conn.

ILLINOIS.

Anna Battels Johanna Lad, H. S. Kleckner to Quincy & Emory Howe, Winslow.

Bewunde Butter Boy De Kol, F. G. Austin to Jos. C. Ellen, Albion.

Boutsje Pauline Calamity, W. K. Sexton to Wm. Doty, Hampshire.

Coinage, Geo. A. Knilans to James Dorsey, Gilberts.

Volodi Rue De Kol Prince, J. H. Coolidge & Son to H. L. Fristoe, Mt. Sterling.

MAINE.

Mike De Kol, D. B. Wiley to Walter Webster, Wales.

MASSACHUSETTS.

De Kol McKinley Prnce 2d, Edw. J. Clark to Homer A. Frissell, Peru.

Norwood Lincoln De Kol, W. H. Randall to State Farm, Bridgewater.

Pietertje Montello Prince, D. W. Field to Henry S. Ide, East Providence.

MEXICO.

Abbekerk Twisk De Kol, W. R. Selleck to J. C. Ray, Tampico.

Netherland Clothilde De Kol, W. R. Selleck to J. C. Ray, Tampico.

MICHIGAN.

Friend Aaggie Clothilde, Northern Michigan Asylum to Geo. M. Null, Montgomery.

Miss Nonesuch Butter Boy, Hiram Carney to Harvey S. Day, Willis.

Sir Zwen Echo, Northern Michigan Asylum to Thomas Alexander, Cadillac.

MISSOURI.

Tina Parthenea's De Kol, J. H. Coolidge & Son to J. W. Lillard, Canton.

NEW HAMPSHIRE.

Oakland Duke De Kol, F. P. Knowles to Maurice Carter, No. Monroe.

NEW YORK.

Johanna Prince De Kol Gertie, Johanna Prince Zella Friend, Prince Johanna De Kol Inka; from F. D. Mather to Mrs. Harrison Fuller, Adams Center.

Aaggie Paul Burke De Kol, Jonathan Wyckoff to E. Harris, Marcellus.

Aaggie Paul Lyons, H. S. Sisson to E. E. Hart, Little Valley.

Abbekerk Twisk De Kol, John G. Wood to W. R. Selleck, Huntington, Long Island.

Black Eagle, J. Franklin Steele to A. H. Roberson, Shushan.

Clothilde De Kol Johanna, F. H. Thomson to J. C. Powell, Barneveld.

Clothilde Jennie Butter Boy, Geo. A. Coe to Everett M. Sumney, Gouverneur.

Count Cornucopia Paul De Kol 2d, Geo. Sengstacken to John Cauthers, Centerville Station.

Count De Kol Wayne 3d, John H. Phelps to R. G. Peenstra & Son, Vernon Center.

Deacon Hark, A. J. Richardson to Wallace L. Smith, Springville.

De Kol Paul De Kol King Roel, Otto Mayne to Wheeler & Mayne, W. Edmeston.

Idene Rooker Sir Lorna, J. F. Steele to James Kinns, East Greenwich.

Inka De Kol Friend Paul, F. D. Mather to C. W. Clark, Adams.

Inka Ruth Mutual Paul, F. D. Mather to W. A. Mather, Adams.

Korndyke Artis Duke, H. Stevens & Son to Herbert Watkins, Camden.

Manor De Kol Konngen, B. Steele to E. H. Dollar, Heuvelton.

Maple Knoll Senior Clothilde, H. D. Seely to H. B. Suydam, Montgomery.

Nicolo De Kol Paul Inka, F. D. Mather to Chas. Tonsley, Smithville.

Osma De Kol Billy De Kol, G. H. Chace to Frank Plato, Sherman.

Pasha Hengerveld Burke, Arthur Wyatt to H. Austin, Buskirk Bridge.

Paul Goudgeld De Kol, F. E. Williams to W. J. Tilley, Theresa.

Prince Dandy Hunchback, Silas De Vol to C. H. Wright, Unadilla.

Prince Hengerveld De Kol, G. W. Sanborn to Frank Fear, Holland Patent.

Prince Paul Deane, Isaac Kenwell to G. L. Thompson, Stony Creek.

Segis Johanna De Kol, F. H. Thomson to Frank Wetmore, Holland Patent.

Senior De Kol Cradock, H. D. Seely to J. Seely Durland, Chester.

Shadeland Paul De Kol Boon, Jos. Boise to Wm. Boise, Sherburne.

Sir Abbekerk Wayne De Kol, H. A. Medlong to B. D. Frary, Pulaski.

Sir Clycola, T. A. Mitchell to H. Conner, Avoca.

Sir Glista Piebe, Cornell University to H. T. Reed, Cortland.

Sir Johanna De Kol Gerben, A. M. Hunt to C. F. Hunt, Manlius.

Sir Rose De Kol Hengerveld 2d, F. D. Paris to Herbert Fenn, Copenhagen, N. Y.

Wayne Johanna Lad, E. J. Spooner to Geo. Frost, Jr., Stockbrdge.

OHIO.

Billy Clothilde, Floyd N. Pelton to J. A. Bittikofer, Bucyrus.

King Caroline, Roice & Yoxtheimer to Esther A. Horr, and from Esther A. Horr to J. A. Bittikofer, Bucyrus.

ONTARIO.

Karel Brigette, W. H. Davis to H. Stevens & Son, and from H. Stevens & Son to A. M. Campbell, Dominionville.

Karel Buttercup, H. Stevens & Son to E. Walter Rathbun, Deseronto.

PENNSYLVANIA.

De Kol Burke 4th, F. E. Moon to W. X. Reese, New Milford.

De Kol Burke Mechthilde, F. E. Moon to C. L. Snyder, Kingsley.

Sir Manor Inka De Kol 4th, David F. Nigh

to Elmer L. Martin, Milnor.

South Side Bonibel De Kol Paul, James Mansfield to John Mawn, Kinney.

VERMONT.

Colonel Cole De Kol, Thoen Netherland, Winooski De Kol; from Vermont State Hospital to Geo. C. Cary, St. Johnsbury.

Netherland Cole De Kol, Frank Sawyer to Jason Hill, and from Jason Hill to Geo. C. Evans, Moretown.

Sir Uneeda Mercedes Pietertje, Chas. H. Ferguson to W. H. Taft, Vergennes.

Vermont Boy De Kol, Vermont State Hospital to John Maxfield, Starksboro.

VIRGINIA.

Korndyke Wayne, H. Stevens & Son to Geo. R. Bready, Herndon.

WISCONSIN.

Acma De Kol Mercedes, A. L. Williams to Carl Foll, and from Carl Foll to Otto Rucks, Edgerton.

Dick Echo De Kol, T. J. Barmore to E. Anderson, Elroy.

Duke De Kol Estata, D. Rollin Kline to Frank W. Stabler, Brodhead.

Geneseo Sir Piebe, T. J. Barmore to South Bros., Monroe.

Jessie Piebe Tritomia, Fred Albrecht to M. Haselcu, Waterloo.

Lady Lass De Kol Sir Sarcastic, A. G. Bechaud to Louis Orthleb, Chilton.

Sir Aaggie Mercedes De Kol, M. F. Peck to Adam Batz, Sun Prairie.

Sir America Wayne De Kol, John Legler & Son to L. G. Legler, Juda.

Sir America Wayne De Kol, L. G. Legler to David Roderick, Brodhead.

Sir Piebe Pietertje, Jacob C. Meyer to Ben Liebhaber & Sons, Seymour.

HOLSTEIN-FRIESIAN ASSOCIATION.
F. L. HOUGHTON, Sec'y,
Brattleboro, Vt.

For the Week Ending March 31.

COWS.

ILLINOIS.

Pietertje Lass 2d's Pauline 2d, A. J. Daugherity to F .H. Wilsman, Tonica.

INDIANA.

Maid Josephine, Nancy C. Purdum to S. A. Taylor, Corydon.

MASSACHUSETTS.

De Kol Mechthilde Wayne Tnsch, Fred F. Field to Lewis Blossom, Fairhaven.

Koster, Chas. W. Wood to Frank P. Knowles, Auburn.

Mooie Jetske, F. P. Knowles to J. H. D. Whitcomb, Littleton.

Nancy Jane Twisk, W. E. Pierce to W. F. Dennen, Pepperell.

Nellie Aaggie Clothilde, Est. of Chas. N. Draper to Rankin Bros., Brockton.

Queen Lilith, H. A. Moyer to E. I. Ballentine, Mansfield.

Wiebe, F. P. Knowles to J. H. D. Whitcomb, Littleton.

MICHIGAN.

Aulinda 6th's Mechthilde, H. S. Day to J. S. Childs, and from J. S. Childs to R. C. Reed, Howell.

Cynthia Ann, Fred Peppiatt to J. S. Childs and from J. S. Childs to Frank R. Crandal, Howell.

Cynthia Mechthilde, Fred Peppiatt to J. S. Childs, and from J. S. Childs to Frank R. Crandall, Howell.

De Kol Tirania Ykemadese, A. J. Johns to F. W. Durfee, Novi.

Indian Girl Pietertje, T. C. Wilson to Geo. W. Reeves, Grand Rapids.

Maple Grove Belle Wayne, Mrs. O. M. Lewis to W. T. Lewis, Vassar.

Torchlight Priscilla, T. C. Wilson to Ellsworth McNitt, Grand Rapids.

NEW YORK.

Clothilde Netherland Castine, Maud Mooie Castine, Miss Andire De Kol of Dellhurst; from John Levers to A. R. Mills, Portageville.

Albino Pioneer, Johanna Wayne Netherland, Pauline Witkop Artis Pietertje, Susie Boon Netherland; from Stevens Bros.-Hastings Co. to Lin G. Greene, Sandy Creek.

Olympia R., Paul Burke De Kol Queen, State Bells Burke; from Stevens Bros.-Hastings Co. to E. E. Clarke, Andover.

Moneta Pietertje Netherland, Quoque De Kol Clothilde Beets, Ruby Shadeland Coin Pet De Kol; from Stevens Bros.-Hastings Co. to A. L. Draper, Troy.

Daisy Teikje Netherland, Hope Farm Mutual Friend, Minooka Dirkje Netherland; from Geo. B. Graham to Geo. W. Arnold, Chaseville.

De Kol Susie, Piebe Pauline De Kol Serida, Serida 4th's Pauline De Kol; from Guild & Roberts to Geo. E. McGeech, Cambridge.

Ancram Genesta De Kol, C. H. Weaver to C. J. Piester, Ancram.

Black Ina, A. D. Howe to Fred Wildman, Whitesville.

Brockside Dinola Maid, Geo. B. Garlock to Stevens Bros.-Hastings Co., Lacona.

Countess Belle Lilith, Homer Collins to N. F. Sholes, Earlville.

De Kol Netherland Paul 2d, D. A. Holmes to Lamb Bros., East Hamilton.

Dorothy De Spofford, Stevens Bros.-Hastings Co. to Judson Wills, Lacona.

Dyanza Gerben, A. M. Hunt to C. F. Hunt, Manlius.

Grovers Shadeland, A. D. Howe to Fred Wildman, Whitesville.

Hengerveld Aaggie De Kol Beauty, Geo. B. Garlock to Stevens Bros.-Hastings Co., Lacona.

Hillview Edith 2d's Echo, Bundy & Mallory to Arthur York, Andover.

Jessie Fobes Homestead De Kol, Stevens Bros.-Hastings Co. to H. M. Dunham, Baldwinsville.

Korndyke Beryl Wayne, C. W. Loomis to H. S. Whitney, Ilion.

Lady Buttercup De Kol, R. B. Wightman to A. H. Bickelhaupt, Redwood.

Mabel De Kol Pietertje 2d, O. R. Cole to G. I. Simmons, Camden.

Maple Knoll Pauline Posch, H. D. Roe & H. D. Seely to H. D. Seely, Chester.

Maud Dewey Pauline, Chas. H. Mackey to Orrin C. Stevens, Greenville.

Maud Kappeberg, Chas. H. Mackey to Orrin C. Stevens, Greenville.

Maud Mooie Castine, A. R. Mills to V. F. Pohl, Ava.

Neta Paul De Kol Lilith, A. Duroe to N. F. Sholes, Earlville.

Pontiac Polyxo Pauline, E. H. Dollar to W. F. Scott, Blossvale.

Princess Clothilde Pietertje, Stevens Bros.-Hastings Co. to H. M. Dunham, Baldwinsville.

Rita Plum De Kol, John B. Ayerigg to J. W. Dimick, Rifton.

Sadie Pauline Inka Princess, E. H. Dollar to W. F. Scott, Blossvale.

Susie Lamb De Kol, C. H. Weaver to C. J. Piester, Ancram.

Tula Pauline, James G. Wallick to Albert L. Mance, Pine Bush.

Viola Clothilde -Pietertje 2d, O. R. Cole to G. I. Simmons, Camden.

Zella De Kol Inka, Stevens Bros.-Hastings Co. to Samuel Hagan, Mannsville.

NORTH DAKOTA.

Alma Marie 6th's Daughter, John B. Irwin to Garfield Creamery Co., Youngtown.

Kaan Jewel Canary Mechthilde, John B. Irwin to Garfield Creamery Co., Youngtown.

OHIO.

Hatres Nannie Gerster, Molly Teake De Kol Lyons, Molly Teake Lyons, Queen Hatres; from L. H. Renner to J. B. Eglin, Spencer.

Buckeye Molly Renner, Pauline Gilt Edge, Renner Gilt Edge De Kol; from L. H. Renner to Frank P. Sutliff, Wellington.

Betsy Nudine, B. N. Millen to B. S. Lesher, Columbiana.

Buckeye Lyons Renner, L. H. Renner to O. L. Robinson, Medina.

Buckeye May De Kol, L. H. Renner to C. H. Francisco, Copley.

Hatres Gerster, L. H. Renner to J. W. Spenkley, Medina.

May Spencer 2d, L. H. Renner to C. H. Francisco, Copley.

Trilby Aubornette, B. F. Sweet & Son to Thomas Leach, Chagrin Falls.

PENNSYLVANIA.

Duchess Monk Lyons, Wing R. Smith to Geo. W. Cooke, Cabel.

Princess Verbelle Monk, Wing R. Smith to Geo. W. Cooke, Cabel.

VIRGINIA.

Princess Korndyke De Kol, Stevens Bros.-Hastings Co. to Dr. Samuel Adams Robinson, Covesville.

WISCONSIN.

Fannie L. De Kol, Jess Johanna De Kol, Ramona Queen Johanna De Kol; from G. L. Burleson to Geo. Hetts, Ft. Atkinson.

Butter King Tritomia Pearl, Madge Netherland, Piebe Alice Colanthus Mercedes; from C. F. Aldrich to Albert Roberts, Lake Mills.

Bessie Wayne De Kol, E. C. Petrie to H. F. Weaver, Elkhorn.

Boon Johanna Mercedes, E. C. Petrie to H. F. Weaver, Elkhorn.

Canary Mercedes Matina, Wm. Everson to Edw. Siemers, Cleveland.

Countess Netherland Elgin 3d, C. H. Stevens to C. A. Hunt, Milton Junction.

Netherland Ida, F. B. Fargo to E. J. Fargo, Lake Mills.

Third Girl, L. C. Morse to Chas. Venderschaaf, Sparta.

Vevie St. Anna, F. B. Fargo to G. H. Hake, Jefferson.

Zeffie A. Beets 2d, W. E. Evans to C. J. Taylor, Whitewater.

Zeffie A. Beets 3d, W. E. Evans to C. J. Taylor, Whitewater.

Zeffie Wilcox 2d, W. E. Evans to A. E. Howard, Whitewater.

BULLS.

ILLINOIS.

De Kol Ormsby Sir Konig, Floyd M. Pelton to J. Hitpas, Mason.

King Piebe De Kol, August Stocker to Peter Reding, Highland.

Nellie Rector 4th's Johanna Lad, A. J. Daugherity to Wm. Ernsting, Lake Zurich.

Piebe Cornelia De Kol, Aug. Stocker to Adolph Tschannen, Highland.

Prince Aaltje Salo Von Harlingen, Wm. Verhalen to Frank T. Fowler, Waukegan.

Sir Mercedes of Village Lawn, E. S. Smith to Chas. Bottlemy, Alden.

Sir Netherland Pietertje Johanna, A. J. Daugherity to F. H. Wilsman, Tonica.

INDIANA.

Bessie Burr Paul, Nancy C. Purdum to S. A. Taylor, Corydon.

KENTUCKY.

Trilium Monk Manor, Nancy C. Purdum to E. S. Hitchins, Olive Hill.

MARYLAND.

Carroll Calamity, J. F. Putnam to Elias Delanter, Frederick.

George De Kol Calamity, Wm. P. Morsell to Geo. P. Aultman, Frederick.

MASSACHUSETTS.

Bewunde Butter Queen Prince, Chas. W. Wood to F. P. Knowles, Auburn.

Clothilde Canary Count, Chas. W. Wood to F. P. Knowles, Auburn.

Gussie De Kol Sarcastic Lad, Edgar F. Copeland to W. S. Williams & Son, Buckland.

Sir Hibma Clothilde, Brattleboro Retreat Farm to W. H. Kemp, Colrain.

Sir Inka Johanna De Kol, Fred F. Field to Lewis F. Blossoom, Fairhaven.

MICHIGAN.

Maple Grove Colantha Lad Wayne, O. M. Lewis to F. W. Schelhas, Frankenmuth.

Vale Piebe De Kol Canary King, F. R. Crandall to I. M. Shorman.

NEW HAMPSHIRE.

Duchess Clothildes Lad 13th, F. L. Houghton to W. H. Stowe, and from W. H. Stowe to Frank N. Piper, Northumberland.

NEW YORK.

Alida Queen Victoria Lad, C. S. Clarke to Owen Mingos, Wellsville.

Beryl Hengerveld Paul De Kol, O. L. Barber to Bert E. Stiles, Canton.

Beryl Waldorf Abbekerk, Stevens Bros.-Hastings Co. to V. B. Churchill, Gouverneur.

Black Laura Bell Count, James Phelan to Eugene Nott, Prospect Station.

Corintha 3d's Lad, C. S. Clarke to J. Arthur Crittenden, Whitesville.

Count De Kol Walker, Langworthy & Morris to Chas. H. Bellenger, Smyrna.

Friend Aaggie De Kol Wayne 2d, L. St. John & Son to Chas. H. Mackey, Medusa.

Holstein Saint Elmo, O. R. Cole to F. O. Johnson, Camden.

King Korndyke Ormsby, Victor Rich to H. B. Page & Son, Conewango Valley.

Mabel Boon Mapleton Boy, Geo. W. Rounds to J. Thomas Williams, Mannsville.

Mack Hartog De Kol Stephens, M. McMindes to H. F. Brutsman, Trumpsburg.

Ophelia Hengerveld Paul, Wing R. Smith to Wm. Dillenbeck, Fonda.

Paul Butter Boy, Jr., J. H. Wood to H. M. Clark, Independence.

Paul Terry De Kol America, Davis Bros. to Geo. W. Rounds, Mannsville.

Pietertje De Kol Prince Oakhurst, A. L. Brockway to Geo. Hunt, Owego.

Pontiac Romulus, Stevens Bros.-Hastings Co. to Dr. P. C. Hoar, Alplaus.

Prince Favorite De Kol, Bacon & Higgins to Geo. T. McNeil, Theresa.

Prince Kuperus De Kol, O. R. Cole to G. I. Simmons, Camden.

Prince Milla De Kol, Bacon & Higgins to B. Bacon, Theresa.

Prince of Highlawn, H. A. Moyer to P. S. Gorden, Ellenville.

Roschild De Kol Paul, Stevens Bros.-Hastings Co. to W. N. Atwood, Canton.

Sir Pontiac Korndyke, Stevens Bros.-Hastings Co. to Geo. T. McNeil, Theresa.

Woodland De Kol Paul King, James Parker to W. N. Poole, Poolville.

NORTH DAKOTA.

Kaan Clothilde Duke, J. B. Irwin to Garfield Creamery Co., Youngtown.

OHIO.

Billy De Kol Wayne, B. F. Reuwee to Marion Wilber, Chagrin Falls.

Clementine Sir De Kol, Floyd M. Pelton to S. G. Usher, Kingsville.

Clementine Sir Ormsby, Floyd M. Pelton to E. S. Williams, Westerville.

Clothilde Sir Ormsby, Floyd M. Pelton to M. Todd, Kingsville.

Felecia Sir William, L. H. Renner to Fred Webster, Medina.

Gilt Edge Boy De Kol, L. H. Renner to Arthur Heddinot, Medina.

Nelson Prince Paul, G. H. Bancroft to G. Martin, Garrettsville.

President Nuline Pietertje, J. A. Ward to H. W. Snow, Boston.

Howland Emperor Burke, Samuel Biery to John Pruger, Garfield.

Prince America Schilling, G. H. Bancroft to C. S. Doolittle, Streetsboro.

Robert Hengerveld, Willard Hart to C. R. Starr, Penfield.

Sir May De Kol, L. H. Renner to F. L. Reid, Medina.

ONTARIO.

Paul De Kol Canary King, Frank R. Crandall to H. E. George, Crampton.

PENNSYLVANIA.

Shadeland Ashur, Archie West to Hugh McMullen, Conneautville.

Shadeland Axwell, PoPwell Bros. to J. C. Schermerhorn, Conneautville.

VERMONT.

Paul De Kol Lad, F. L. Houghton to E. A. Field, Royalton.

Sir Castine Mechthilde Colantha. N. A. Johns to C. S. Brush, and from C. S. Brush to M. S. Whitcomb, Richmond.

Sir Edler Clothilde, M. S. Whitcomb to C. S. Brush, Bolton.

VIRGINIA.

Count Netherland Abbekerk, T. O. Sandy to C. E. Switzer, Midland.

WASHINGTON.

Sir Lunde Inka Wayne, P. A. Frakes to T. H. Phipps, Vancouver.

WEST VIRGINIA.

Waldheim Prince, Walter C. Platt to Hon. John Aglionby, Shenandoah Junction.

WISCONSIN.

Canary Mercedes Sir De Kol 13th, Wm. Everson to Garfield Muckleston, Waukesha.

Carmen Colantha Paul, L. G. Legler to F. D. Breed, Chilton.

Chief Piebe De Kol, U. J. Two to M. S. Barker, Crandon.

Ferdinand Sievia, T. F. Vannedom to Imig Bros., Neillsville.

Hopsie Sir Paul De Kol 7th, W. E. Evans to Edw. Hager, Ft. Atkinson.

Piebe Emperor De Kol, Wm. Everson to Harry Gage, Camp Douglas.

Rector Clifden, W. R. Gates to John L. Durnnell, Lodi.

Sir Clothilde Aaggie De Mar, A. C. Demerit & Son to Albert Roberts, Linden.

Sir Fayne Concordia Johanna, L. G. Legler to W. H. Hall, Wonewoc.

Sir Flanders De Kol, C. H. Stevens to Jos. McLery, Sullivan.

Sir Johanna Hengerveld De Kol, Andrew Knecht to Geo. Salwey, Cream.

Sir Josephine Ernest, Wm. Everson to S. Haight, Cambridge.

Sir Josephine Lotta, Wm. Everson to Anthony Engebretson, South Wayne.

Sir Tita Alcartra, Jacobson Bros. to J. C. Martinson, Menomonie.

For Week Ending April 7, 1906.

COWS.

CALIFORNIA.

Half Mourning, Thos. Pollard to R. M. Hotaling, San Francisco.

Vina Nicle, Est. Jane L. Stanford to The Board of Trustees of the Leland Stanford, Jr., University, Stanford University.

CONNECTICUT.

Crown Princess De Kol Paul Rose, Gardiner Hall, Jr., & Co. to W. N. Pinney, Ellington.

ILLINOIS.

Golda De Kol, Ellingsworth Bros. to Edd Hentz, Greenville.

Princess Elva De Kol, Ellingsworth Bros. to W. H. Dawdy, Greenville.

INDIANA.

Dett Beauty Clifden, A. B. Nokes to S. B. Bailey, Sheridan.

IOWA.

Queen Wayne, Carlos Combs to J. R. Elliott, Woodward.

MAINE.

Wilhelmina Bess Mercedes, S. H. Beckler to C. W. Erskine, No. Newcastle.

MASSACHUSETTS.

Athenia Jewel De Kol, Gretchen Alban, Huntress A. De Kol, Ina Spring Brook De Kol, Ina Tritom 3rd's De Kol, Lillie Alban De Kol, Maud Stienstra, Wixom De Kol, R. C. Reed to F. P. Knowles, Auburn.

Aaggie Netherland Pauline Posch, Clothilde Queen of Lyndhurst, Pauline Pietertje De Kol Wayne, Lynd Bros. to Clayton H. DeLano, Boston.

Accacia Clothilde Pledge, Rankin Bros. to N. E. Holl, North Raynham.

Dora R. Lyons' Own, Arthur W. Brown to Jas. C. Poor, and from aJs. C. Poor to Mabel F. Noyes, Methuen.

Mertie Granger, B. K. Graves to Rankin Bros., Brockton.

Princess Piersma Koningin, Walter H. Camans to Walter A. Gamans, Mattapoisett.

Trilby Aaggie Rose 2d, Walter H. Gamans to Walter A. Gamans, Mattapoisett.

MICHIGAN.

Bieske Calamity Jane, Henry A. Cornell to Wells W. Gardner, Oak Grove.

Calamity Pet, Geo. E. Lapham to W. H. Brown, St. Johns.

Diamond Beauty, N. G. Strong to Harvey Day, Willis.

Vashti Hazel of Portage Wayne, H. A. Cornell to Wells W. Gardner, Oak Grove.

MINNESOTA.

Countess Bertha Zenith, Joel P. Heatwole to Andrew Whitson, Northfield.

NEBRASKA.

Etta Henry, Lady Second, Lillie Henry De Kol, Martha Elgin Willem Thirese Mercedes, August Winter to H. C. Glissman, Omaha.

NEW YORK.

Aaggie Dell De Kol, Clothilde Fay De Kol, Clothilde Frenesta 2ds De Kol, Clothilde Frenesta De Kol, Countess Pietertje Rauwerd, De Kol Cora Rauwerd, Dingle Lucy De Kol, Lucy Clothilde Frenesta 2d, Zwen De Kol Bessie, Esther A. Horr to Wing R. Smith, Syracuse.

Aaggie Albertje, Annie Gelsche Jacob, Ida Mary Gelsche, Shadeland Gelsche, Shadeland Mocie, Byram L. Winters to Horace L. Bronson, Cortland.

Beauty Netherland Gorter De Kol, Frisky Hengerveld De Kol, Imilda Mechthilde De Kol 3d, Lassie Koningen De Kol, Roxanna Lincoln, Henry Stevens & Son to Emerson Day, New Berlin.

Catrina 7th's Nethertand 2d, Maple Ridge Belle 2d, Tehee Beets De Kol, Tehee Beets De Kol 2d, Edwin Collier & Son to C. H. Fitch & Sons, Burlington Flats.

Crissie Jewel De Kol, Miss Baron De Kol, The Queen Jewel, E. C. Brill to W. N. Baldwin, Pawling.

Aaggie Hartog Pauline, J. L. Baltz to Henry Stevens & Son, and from Henry Stevens & Son to S. Tompkins & Sons, Ravena.

Aegis Harriette De Kol, John Righter to J. Walter Righter, Pine Plains.

Agnes Serida De Kol, Guild & Roberts to Beecher & Parker, Granville.

Avis Pietertje Cloverdale, Est. of D. J. Crowell to Benj. Pringle, Ashville.

Belle De Kol Regis, John H. Starin to A. G. Van Wie, Fultonville.

Bonnie Cherry Netherland, C. H. Weaver to J. G. Pulver, West Copake.

Butter Boy Helena Pietertje, W. H. Davis to Henry Stevens & Son, Lacona.

Butter Boy Rosina 2d, W. H. Davis to Henry Stevens & Son, Lacona.

Crissie Paul De Kol 2d, Stevens Bros.-Hastings Co. to T. H. & C. J. Barber, Eddy.

De Kol Beauty Lass Pietertje, Archer Brown to N. F. Sholes, and from N. F. Sholes to A. Duroe, New Berlin.

De Kol Ruby Almeda, N. Y. Agricultural Experiment Station to John A. Eanis, Pattersonville.

De Kol Ruby Netherland, N. Y. Agricultural Experiment Station to W. P. Garnsey, Rexford Flats.

De Kol Ruby Netherland De Jong, N. Y. Agricultural Experiment Station to John A. Eanis, Pattersonville.

Eloise De Kol Nephele, E. Quirk to John C. Godfrey, and from John C. Godfrey to N. F. Sholes, Earlville.

Flint Alida Gerter, J. W. Flint & Sons to A. D. Graves, Wellsville.

Grace Pietertje Netherland, C. B. Maybury to J. A. Hall, Cortland.

Hilda De Kol De Jong, Ellery Norton to Clarence E. Gifford, Valley Falls.

Hilda Mordu, Ellery Norton to N. Houlihan, Waterford.

Houwtje Calamity, Stevens Bros.-Hastings Co. to T. H. & C. J. Barber, Eddy.

Isletta 2d, Delos D. Hadden to A. J. Cuff, Auburn.

Johanna Triumph, C. B. Maybury to J. A. Hall, Cortland.

Jucunda Alice 2d, Frank Davidson to R. P. Kutschbach, Sherburne.

Lifrette Pauline De Kol, N. A. Seelye Est. to Pierre C. Hoag, Alplaus.

Lorne Princess, J. Franklin Steele to FrankViele, Johnsonville.

Netherland Blossom Boon, Ralph Wallace to H. J. Allard, Sheds.

Pietertje Hengerveld Hartog, Thos. T. Williams to Wm. Jones, Holland Patent.

Queen Signet Beryl, E. Quirk to John C. Godfrey, and from John C. Godfrey to N. F. Sholes, Earlville.

Sir Henry Beatus Etolia, Mrs. N. Brownell to I. S. Allen, Hubbardsville.

Vinnie Lipkje, E. C. Birdsall to M. C. Johnston, Sidney.

Wilhelma Wayne, John C. Godfrey to N. F. Sholes, Earlville.

Yucca Hiske Censor, G. D. Read to J. A. Russell, Russia.

OHIO.

De Kol Queen of Dellhurst, De Kol Rhoebe of Dellhurst, Harcourt Lady Snooks De Kol, Harcourt Mineral Rose De Kol, Harcourt Netherland De Kol, Harcourt Princess De Kol, Harcourt Rhoebe De Kol, Lady Snooks' Netherland Maid, H. N. Hills to Frank G. Thomson, Toledo.

Cora Burton, Est. of L. Russell to Paul H. McNish, Burton.

Lady Winters 3d, Anson Hyde to Esther A. Horr, Wellington.

Lily De Kol Shadeland, H. E. Ford & Sons to J. C. Riley, Burton.

Lily Lyons 2d's De Kol, H. E. Ford & Sons to H. L. Hale & Son, Burton.

Lyons De Kol, H. E. Ford & Sons to P. D. Silvernail, Burton.

OKLAHOMA.

Searles Josephine, C. H. Searle to Omer Essex, Stillwater.

ONTARIO.

Carrie Pet 4th, H. E. George to S. H. Smiley, St. Thomas.

Houwtje Brook, H. E. George to R. Shelington, Harley.

PENNSYLVANIA.

Clothilde Tromp De Kol, Silas Decker to I. M. Strickland, Hop Bottom.

Johanna De Kol Countess, G. M. & S. S. Lyon to Wm. T. Easterday, Siegfried.

Johanna Wayne De Kol Rue, G. M. & S. S. Lyon to Wm. T. Easterday, Siegfried.

Lady Belle Inka, S. F. Williams to Cora Wilcox, West Le Roy.

Lily Belle Parthenea De Kol, W. B. Jerald to T. W. Johns, Mansfield.

Pontiac Tirania Pauline, Stevens Bros.-Hastings Co. to F. G. Greenfield, Edinboro.

Sunshine Belle, S. F. Williams to Cora Wilcox, West Le Roy.

TEXAS.

Jessie Alban Clothilde, Alex. Uhl to C. Max Uhl, San Antonio.

VERMONT.

Lucecke Lady Withoorn, Piebe De Kol Withoorn, Piebe Merdu De Kol, Piebe Queen Burke, Guild & Roberts to B. K. Graves, St. Johnsbury.

Almela Lucelia De Kol, Guild & Roberts to Clarence Bedell, East Ryegate.

Brookside Withoorn Princess, Guild & Roberts to W. H. Turner, Montpelier.

Korndyke Queen De Kol Lady, S. D. Nichols to C. S. Smith, North Danville.

Mertie Granger 3d, B. K. Graves to F. B. Cushman, St. Johnsbury.

VIRGINIA.

Bertha Veeman, T. O. Sandy to C. H. D. Gibson, Castlewood.

WISCONSIN.

Bessie Mercedes De Kol, Wiechman Bros. to J. E. Mielke, Basco.

Butter King Jewel, Chas. F. Aldrich to E. C. Hager, Fort Atkinson.

Colantha Fobes Tritomia, A. Two & Son to W. R. Gates, Fort Atkinson.

Duchess Siam De Kol, Wiechman Bros. to J. E. Mielke, Basco.

Lady Valentine Tritomia, A. Two to W. R. Gates, Fort Atkinson.

Mary Ann Netherland, Ezra Blumer to L. G. Legler, Juda.

Olive De Cola Wonder, E. E. Randall to Lee M. Legler, Juda.

Ollie Watson 5th's Pearl, E. E. Randall to Lee M. Legler, Juda.

Pet Mercedes Battels De Kol, Frank B. Fargo to G. W. Hake, Jefferson.

Queen Flossie of Elgin, E. L. Benedict to Elmer G. Snyder, Clinton.

Theresa De Kol Beauty 2d, Enoch J. Fargo to P. Sommerfeld, Beaver Dam.

Tirania Pauline, L. G. Legler to David Roderick, Brodhead.

Viola Netherland De Kol, E. E. Randall to Roderick & Zimmerly, Brodhead.

BULLS.

CALIFORNIA.

Rouble Creamelle De Kol Prince, Minor & Thornton to S. H. Sorenson, Newman.

ILLINOIS.

Netherland Von Count, Wm. O. Jackson to A. W. Simons, Merengo.

Piebe De Kol Picotee, C. C. Bentley to Frank Hutmacher, Freeport.

INDIANA.

Midzie Mutual Friend, Wm. O. Jackson to Wm. M. Gardner, Chandler.

IOWA.

Sir Pearl Pietertje, W. C. Gleim to F. J. Stevenson, Lamont.

MAINE.

Onieta Netherland, Oliver L. Jones to Frank L. Titcomb, Corinna.

Parthenea Shepard Boy, W. H. Farrar to H. J. Merrill, Dover.

Sir Korndyke Ward, Henry Stevens & Son to Walter S. Keene, Palmyra.

MASSACHUSETTS.

Duke De Kol Jewett, Chas. D. Sage to Shed Bros., New Braintree.

Lakeside Mercedes Prince, Chas. W. Wood to Edward Warren, Leicester.

Prince George of Brockton, Geo. W. Bigney to Rankin Bros., and from Rankin Bros. to State Farm, Bridgewater.

MICHIGAN.

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Major Houwtje, N. G. Strong to Geo. T. Carpenter, Napoleon.

To be continued.

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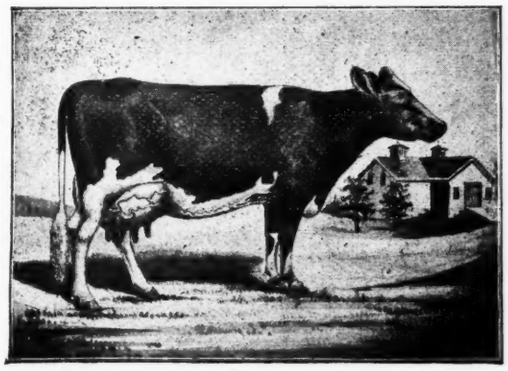
One of the BEST in America, Premier Sire "PRINCE YBMA SPOFFORD" whose dam and sire's dam have an average of 97 lbs. milk per day, and 25.59 lbs. butter in 7 days.

The Leading Families



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Young bulls and bull calves from dams with large A. R. O. records at bargain prices, fit to head the **best herds** in America.

Write to us or come and see for yourself, if you need anything in **first class stock** closely related to one of the **champions** of the breed.

Send for Illustrated Catalogue.

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Lakeside Herd.

E. A. POWELL, successor to Smiths & Powell Co., Syracuse, N. Y., offer

SPECIAL BARGAINS

n cows and heifers soon to freshen, yearling heifers and heifer calves; also year ng bulls and bull calves by very noted sires and from dams with official butter cords of 20 lbs. or more.

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Sire of 42 A. R. O. Daughters, many of which average 4 per cent. and over, a fact worth considering. High-class Stock Always for Sale. ∴ ∴ ∴

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Breeding the every day kind and buy a Korndyke

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Calves of both sexes sired by our great **SIR KORNDYKE MANOR DE KOL, Jr.**

Also special bargains in fashionably bred cows and heifers.

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FOR SALE

Holstein bull calf. DEKOL PAUL CONCORDIA'S KING. His dam, De Kol Paul Concordia, 64765, has an A. R. O. record at 2 yrs. of 73 lbs. of milk in one day, 18.55 lbs. of butter in 7 days. At 3 yrs. 80.4 lbs. of milk and 3 23 lbs. of butter in 1 day, 20.05 lbs. in 7 days. A full sister won first prize and sweepstakes over all females above 2 yrs. old, at N. Y. State Fair, 1905. This young bull carries three-quarters the same blood as his dam.

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Fit for Service. His dam, sire's dam and sire's sire's dam average over 24½ pounds butter in 7 days. **Sir Lilith Wayne, 40485.** Who wants him at $75?

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Butter Bred Holsteins,

Home of HERRINGEN PAULINE 2nd, A R. O., 25 lbs. 8 oz. 7 days. WISCONSIN BESS, A. R. O., 86 lbs. butter 30 days, test 3.86. Also dam of 3 A. R. O. daughters and of our young bull, WORLD'S FAIR DUKE, who has over 30 A. R. O. sisters, one of them with world's 30-day butter record (test 4.39) at age of 4 1-2 years. HADRIA 2d, 6,700 lbs. milk, 214.8 lbs. butter in 120 days. WORLD'S FAIR HADRIA 1st, prize heifer, St. Louis, 1904; Jolie 4th Pauline De Kol, A. R. O. 19.5 lbs. 7 days, dam of Pauline Paul 2d, Count De Kol, who has 3 A. R. O. daughters. Many other A. R. O. cows. Young bulls for sale.

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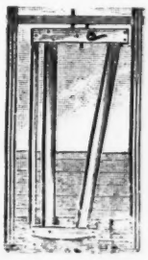

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$23,000.00——————$23,000.00

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Continued for 30 days. Have already disposed of thousands of dollars worth of registered Holsteins through my grand special spring sale. $3375 00 sold in one week, April 8th to April 14th.

Every department is still complete and I have over 200 head to select from.

Special cut prices on cows, service bulls, yearlings and calves.

Join the procession, start right this spring.

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H. L. Bronson, Esq.,
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My dear sir:—In reply to your query as to how the Holstein cow, Rosanna Clothilde 2d, registry No. 54880, which I purchased from you, had turned out, I have pleasure in saying that she was easily the first or second best cow of my herd during the past season .....
Very truly yours,
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Illustrated circulars and valuable information sent free.

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Stock for sale at all times.

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Come at once to Maple Lawn and buy a bull born Feb. 1st. 1905, whose 6 near dams average 26 lbs. butter in 7 days A. R. O. We can supply you with anything you wish Bulls and heifer calves, young cows in calf to bulls of the very best breeding. It will pay you to look at these cattle before buying elsewhere.

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Woodcrest Farm Herd of Holstein-Friesians.

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Homestead Girl De Kol's Sarcastic Lad, No. 32558; dam Homestead Girl De Kol, A. R. O. record 26.29 lbs. butter in seven days. Her milk averaging 3.94 per cent. fat.

Woodcrest Pietje (imported), No. 35469. The dam of this bull is the great imported cow Pietje 22d, No. 70884; seven-day record, 594.4 lbs. milk, 27.02 lbs. butter; 30-day record, 2,453.8 lbs. milk, 106.45 lbs. butter; 60-day record, 4,706.8 lbs. milk, 205.82 lbs. butter; 100-day record, 7,745.1 lbs. milk, 334.825 lbs. butter.

We have a few choice young A. R. O. cows for sale bred to above sires; also bull calves and young bulls ready for service from A. R. O. dams with records of twenty pounds and better.

A. S. CHASE, Manager,
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Gardner Lake Farm Holsteins

Bull calves from dams with records better than 21 lbs., heifer calves, cows bred. Come and see them, or write for what you want.

GARDNER & MISNER,
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I offer a fine bull calf, born Jan. 2, 1906, a brother of Aggie Pauline Abberkerk, who holds the world's record for her age, A. R. O. 15.967 lbs. butter, 80 per cent. fat. His dam Aaggie Leila Abberkerk DeKol. See H. Stevens & Son's ad, April 15, page 128, H.-F. World.

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Offers three fine yearling bulls, SIR NANNETTE MUTUAL PAUL, PAUL PIETERTJE CORNUCOPIA DEKOL and SIR LILITH PAULINE DEKOL BERYL. All are backed by large A. R. O. records and will be sold at bargain prices. Also a fine lot of bull calves. Write to-day for description, breeding and prices.

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CROWN HERD.

I now offer a very fine bull calf, five months old, more black than white, nicely marked and a good handler in every way. His dam has an A. R. O. record of 16 02 lbs. butter made at 9 years. She is now 15 years old. Has given over 4,800 lbs milk in 4 months. Calf's sire Homestead Hengerveld Crown DeKol, No. 26,345.

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I offer for sale Five Fine Registered Holstein-Friesian Cows at a bargain. Correspondence solicited.

HILLSIDE STOCK FARM,
STANTON OSTERHOUT,
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A Few Very Choice Bull Calves

sired by Aaggie Cornucopia Johanna Lad; dams by Paul Beets DeKol and Korndyke Queen DeKol Prince, with good A. R. O. backing. Write for prices. Visitors welcome. **A. W. BROWN.**

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Offers at all times young stock of both sexes, sired by Lord Netherland DeKol Count whose six nearest dams, two of which are two years old and one three years old, average 23¼ lbs. butter in 7 days, official. Come and see them or write

W. H. Davis,
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Do You Want

A bull one year old of the blood of DeKol 2nd, Netherland Hengerveld, Empress Josephine 3d and Milla's Pietertje Netherland, if so I have one nicely marked and the price is low.

A. N. ALLEN,
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Holstein Cows For Sale.

A few young cows for sale, some with good A. R. O. records. If you want something good let me tell you what I have or come and pick them out yourself.

F. W. AMES, Morristown.
St. Lawrence Co., New York

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EVERY DAIRYMAN NEEDS THE

PILLING TUBERCULIN TEST

The greatest scourge of the dairy herd is tuberculosis; one affected cow will surely contaminate the whole herd.

Are your cows affected? Sure and easy detection by the Pilling Tuberculin Test.

Ready to use. You can do it. Absolutely no danger using the Pilling test: does not interfere with flow of milk or health of cow. Price with full directions, complete outfit with serum for 10 cows, $5.00 and $1.25 for each additional 10 cows. No experience necessary. **Pamphlet free.**

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